

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010425.D
 Acq On : 09 Sep 2022 18:09
 Operator : KP/MD
 Sample : N3980-03 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Quant Time: Sep 12 04:36:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 12 04:36:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	241955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	381740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	338569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123849	50.823	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.640%		
35) Dibromofluoromethane	7.709	113	122969	45.357	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.720%		
50) Toluene-d8	10.172	98	455510	51.841	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.680%		
62) 4-Bromofluorobenzene	12.477	95	156574	38.832	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	77.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	5049	2.724	ug/l	97
3) Chloromethane	2.107	50	7911	2.910	ug/l	97
4) Vinyl Chloride	2.241	62	8799	2.624	ug/l	91
5) Bromomethane	2.649	94	7812	3.325	ug/l	90
6) Chloroethane	2.783	64	6101	2.720	ug/l	94
7) Trichlorofluoromethane	3.119	101	11541	2.717	ug/l	92
8) Diethyl Ether	3.521	74	3481	2.530	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.881	101	7320	2.943	ug/l	95
10) Methyl Iodide	4.082	142	7747	2.517	ug/l	92
11) Tert butyl alcohol	4.929	59	7376	22.409	ug/l #	86
12) 1,1-Dichloroethene	3.863	96	6376	2.733	ug/l #	75
13) Acrolein	3.716	56	3080	13.248	ug/l	98
14) Allyl chloride	4.472	41	8550	2.545	ug/l #	95
15) Acrylonitrile	5.155	53	8329	12.506	ug/l	99
16) Acetone	3.942	43	8460	15.128	ug/l	90
17) Carbon Disulfide	4.186	76	15376	2.437	ug/l	98
18) Methyl Acetate	4.466	43	5698	3.312	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	16379	2.542	ug/l #	90
20) Methylene Chloride	4.710	84	21308	6.243	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	7205	2.720	ug/l #	74
22) Diisopropyl ether	6.112	45	18458	2.461	ug/l #	95
23) Vinyl Acetate	6.057	43	50033	10.884	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	11766	2.591	ug/l	98
25) 2-Butanone	6.978	43	12922	14.539	ug/l	94
26) 2,2-Dichloropropane	6.978	77	12577	2.902	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	8257	2.681	ug/l	93
28) Bromochloromethane	7.325	49	4309	2.959	ug/l #	76
29) Tetrahydrofuran	7.344	42	6879	12.402	ug/l #	81
30) Chloroform	7.502	83	12869	2.672	ug/l	91
31) Cyclohexane	7.776	56	14526	3.528	ug/l #	63
32) 1,1,1-Trichloroethane	7.697	97	10887	2.496	ug/l	96
36) 1,1-Dichloropropene	7.911	75	10678	2.877	ug/l	99
37) Ethyl Acetate	7.069	43	4971	2.548	ug/l #	88
38) Carbon Tetrachloride	7.898	117	10865	2.631	ug/l	96
39) Methylcyclohexane	9.179	83	12331	2.664	ug/l #	88
40) Benzene	8.154	78	28161	2.636	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010425.D
 Acq On : 09 Sep 2022 18:09
 Operator : KP/MD
 Sample : N3980-03 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Quant Time: Sep 12 04:36:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 12 04:36:01 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	2645m	2.371	ug/l	
42) 1,2-Dichloroethane	8.234	62	8454	2.661	ug/l	93
43) Isopropyl Acetate	8.270	43	8588	2.405	ug/l #	93
44) Trichloroethene	8.941	130	8621	2.741	ug/l	86
45) 1,2-Dichloropropane	9.215	63	6809	2.613	ug/l	100
46) Dibromomethane	9.301	93	4000	2.545	ug/l	94
47) Bromodichloromethane	9.490	83	9255	2.480	ug/l #	91
48) Methyl methacrylate	9.288	41	4006	2.498	ug/l #	85
49) 1,4-Dioxane	9.288	88	980	47.112	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	22442	11.458	ug/l	91
52) Toluene	10.239	92	18719	2.677	ug/l	92
53) t-1,3-Dichloropropene	10.465	75	9028	2.350	ug/l	93
54) cis-1,3-Dichloropropene	9.929	75	10535	2.432	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	6002	2.685	ug/l	97
56) Ethyl methacrylate	10.508	69	6758	2.302	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	9480	2.551	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	17063	17.086	ug/l	91
59) 2-Hexanone	10.831	43	14131	10.584	ug/l	87
60) Dibromochloromethane	10.983	129	6629	2.427	ug/l	100
61) 1,2-Dibromoethane	11.081	107	5599	2.580	ug/l	95
64) Tetrachloroethene	10.715	164	8633	2.829	ug/l	94
65) Chlorobenzene	11.514	112	20826	2.751	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	7245	2.584	ug/l	95
67) Ethyl Benzene	11.587	91	34723	2.591	ug/l	99
68) m/p-Xylenes	11.697	106	27353	5.199	ug/l	92
69) o-Xylene	12.026	106	12755	2.539	ug/l	93
70) Styrene	12.044	104	20680	2.432	ug/l	96
71) Bromoform	12.209	173	4179	2.384	ug/l #	96
73) Isopropylbenzene	12.324	105	35043	2.674	ug/l	99
74) N-amyl acetate	12.142	43	6804	2.225	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.574	83	6777	2.765	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	4745m	2.560	ug/l	
77) Bromobenzene	12.605	156	8689	2.798	ug/l	89
78) n-propylbenzene	12.666	91	42636	2.748	ug/l	96
79) 2-Chlorotoluene	12.757	91	23642	2.712	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	29881	2.702	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	1922m	2.302	ug/l	
82) 4-Chlorotoluene	12.855	91	24981	2.755	ug/l	97
83) tert-Butylbenzene	13.074	119	26112	2.702	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	28916	2.673	ug/l	98
85) sec-Butylbenzene	13.251	105	38867	2.716	ug/l	98
86) p-Isopropyltoluene	13.367	119	30895	2.552	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	17716	2.841	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	18625	3.016	ug/l	94
89) n-Butylbenzene	13.696	91	30371	2.764	ug/l	98
90) Hexachloroethane	13.958	117	6211	2.733	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	15493	2.805	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1175	2.840	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	9397	2.740	ug/l	95
94) Hexachlorobutadiene	15.111	225	6621	3.199	ug/l	98
95) Naphthalene	15.232	128	17708	2.617	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	8433	2.816	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
Data File : VY010425.D
Acq On : 09 Sep 2022 18:09
Operator : KP/MD
Sample : N3980-03 2.5PPB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

Quant Time: Sep 12 04:36:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 12 04:36:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

