

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010365.D
 Acq On : 07 Sep 2022 12:11
 Operator : KP/MD
 Sample : VY0907SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0907SBS01

Quant Time: Sep 08 03:40:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	286920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	452677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	400484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	140807	47.860	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.720%		
35) Dibromofluoromethane	7.716	113	140883	46.750	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.500%		
50) Toluene-d8	10.179	98	536354	53.160	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.320%		
62) 4-Bromofluorobenzene	12.483	95	185211	45.236	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	50310	21.965	ug/l	99
3) Chloromethane	2.113	50	71417	22.836	ug/l	98
4) Vinyl Chloride	2.247	62	83541	24.518	ug/l	99
5) Bromomethane	2.643	94	59254	28.926	ug/l	100
6) Chloroethane	2.790	64	54413	26.106	ug/l	99
7) Trichlorofluoromethane	3.119	101	103636	21.699	ug/l	94
8) Diethyl Ether	3.527	74	32153	18.840	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	60067	20.364	ug/l	97
10) Methyl Iodide	4.088	142	74309	20.940	ug/l	90
11) Tert butyl alcohol	4.936	59	47103	133.827	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	58132	20.353	ug/l	86
13) Acrolein	3.722	56	31120	83.522	ug/l	98
14) Allyl chloride	4.472	41	86648	17.236	ug/l #	95
15) Acrylonitrile	5.155	53	74906	84.234	ug/l	98
16) Acetone	3.942	43	59412	80.781	ug/l	90
17) Carbon Disulfide	4.192	76	174823	20.095	ug/l	99
18) Methyl Acetate	4.472	43	41129	18.020	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	151814	18.181	ug/l	94
20) Methylene Chloride	4.704	84	66823	18.827	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	66182	20.448	ug/l	87
22) Diisopropyl ether	6.112	45	182862	17.898	ug/l	94
23) Vinyl Acetate	6.051	43	535805	83.640	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	112381	19.094	ug/l	98
25) 2-Butanone	6.984	43	97641	80.894	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	104931	19.574	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	74141	20.044	ug/l	89
28) Bromochloromethane	7.332	49	28582	14.978	ug/l	84
29) Tetrahydrofuran	7.344	42	62476	80.794	ug/l #	87
30) Chloroform	7.502	83	116968	20.180	ug/l	97
31) Cyclohexane	7.783	56	102456	17.852	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	106446	20.155	ug/l	97
36) 1,1-Dichloropropene	7.917	75	90160	20.391	ug/l	97
37) Ethyl Acetate	7.069	43	43270	17.069	ug/l #	93
38) Carbon Tetrachloride	7.899	117	97210	21.333	ug/l	98
39) Methylcyclohexane	9.179	83	106693	18.691	ug/l	92
40) Benzene	8.161	78	258588	20.421	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	24258m	16.973	ug/l	
42) 1,2-Dichloroethane	8.234	62	73775	20.094	ug/l	92
43) Isopropyl Acetate	8.270	43	80334	16.624	ug/l #	90
44) Trichloroethene	8.935	130	73795	21.228	ug/l	98
45) 1,2-Dichloropropane	9.215	63	62086	19.244	ug/l	99
46) Dibromomethane	9.307	93	36124	20.386	ug/l	98
47) Bromodichloromethane	9.496	83	87421	20.061	ug/l	100
48) Methyl methacrylate	9.289	41	36093	16.012	ug/l #	85
49) 1,4-Dioxane	9.295	88	8529	349.802	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	213214	85.522	ug/l	90
52) Toluene	10.240	92	165605	20.444	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	88389	18.806	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	101139	19.084	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	49575	19.708	ug/l	94
56) Ethyl methacrylate	10.508	69	64454	17.344	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	84591	19.294	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	131596	114.490	ug/l	94
59) 2-Hexanone	10.831	43	144299	83.468	ug/l	90
60) Dibromochloromethane	10.983	129	61864	20.410	ug/l	100
61) 1,2-Dibromoethane	11.087	107	48406	19.913	ug/l	100
64) Tetrachloroethene	10.721	164	70632	21.626	ug/l	98
65) Chlorobenzene	11.514	112	178440	20.909	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	65643	20.948	ug/l	98
67) Ethyl Benzene	11.593	91	313124	20.037	ug/l	95
68) m/p-Xylenes	11.703	106	245267	41.085	ug/l	93
69) o-Xylene	12.026	106	116251	20.056	ug/l	94
70) Styrene	12.044	104	195982	20.298	ug/l	95
71) Bromoform	12.209	173	38720	19.989	ug/l #	98
73) Isopropylbenzene	12.331	105	306106	19.610	ug/l	98
74) N-amyl acetate	12.142	43	70115	16.281	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	55696	18.566	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	35543m	15.266	ug/l	
77) Bromobenzene	12.611	156	73522	20.705	ug/l	91
78) n-propylbenzene	12.672	91	360297	19.228	ug/l	97
79) 2-Chlorotoluene	12.757	91	202979	19.166	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	257492	19.689	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	18552	16.622	ug/l	90
82) 4-Chlorotoluene	12.855	91	210479	19.301	ug/l	97
83) tert-Butylbenzene	13.074	119	219668	19.333	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	254360	19.805	ug/l	97
85) sec-Butylbenzene	13.251	105	322699	19.205	ug/l	99
86) p-Isopropyltoluene	13.367	119	273444	19.701	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	142888	20.724	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	141740	20.676	ug/l	99
89) n-Butylbenzene	13.696	91	245618	18.720	ug/l	98
90) Hexachloroethane	13.965	117	51297	19.255	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	126469	20.580	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8991	17.009	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	75206	19.772	ug/l	99
94) Hexachlorobutadiene	15.111	225	45834	20.559	ug/l	99
95) Naphthalene	15.239	128	147964	18.748	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	64650	20.069	ug/l	98

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

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