

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009583.D
 Acq On : 19 Jul 2022 12:40
 Operator : KP/MD
 Sample : VY0719SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0719SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

Quant Time: Jul 19 15:10:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	200709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	306563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97046	51.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.240%	
35) Dibromofluoromethane	7.710	113	96101	49.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.520%	
50) Toluene-d8	10.173	98	377482	50.842	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.477	95	122479	50.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 101.820%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	35975	20.427	ug/l	99
3) Chloromethane	2.107	50	53594	20.535	ug/l	99
4) Vinyl Chloride	2.241	62	54033	19.798	ug/l	96
5) Bromomethane	2.631	94	36884	19.967	ug/l	100
6) Chloroethane	2.778	64	32966	19.885	ug/l	98
7) Trichlorofluoromethane	3.113	101	67346	20.824	ug/l	95
8) Diethyl Ether	3.521	74	23176	21.903	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.881	101	39690	20.987	ug/l	95
10) Methyl Iodide	4.076	142	47513	18.913	ug/l #	87
11) Tert butyl alcohol	4.948	59	17890	74.730	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	38203	20.698	ug/l	83
13) Acrolein	3.723	56	15165	111.748	ug/l	100
14) Allyl chloride	4.473	41	61534	21.551	ug/l #	91
15) Acrylonitrile	5.149	53	55454	106.113	ug/l	99
16) Acetone	3.936	43	45908	95.604	ug/l #	89
17) Carbon Disulfide	4.180	76	120697	21.035	ug/l	99
18) Methyl Acetate	4.466	43	28356	21.037	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	101193	20.802	ug/l	94
20) Methylene Chloride	4.704	84	70736	24.340	ug/l	89
21) trans-1,2-Dichloroethene	5.204	96	44397	21.252	ug/l	85
22) Diisopropyl ether	6.112	45	132672	21.761	ug/l	92
23) Vinyl Acetate	6.051	43	407387	105.903	ug/l	95
24) 1,1-Dichloroethane	6.009	63	74392	21.126	ug/l	99
25) 2-Butanone	6.978	43	72234	103.126	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	63831	20.234	ug/l	92
27) cis-1,2-Dichloroethene	6.972	96	48851	21.150	ug/l	86
28) Bromochloromethane	7.326	49	30825	20.430	ug/l	88
29) Tetrahydrofuran	7.344	42	49459	107.550	ug/l	93
30) Chloroform	7.496	83	74787	20.761	ug/l	96
31) Cyclohexane	7.777	56	71081	21.237	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	67021	20.743	ug/l	96
36) 1,1-Dichloropropene	7.911	75	59032	20.684	ug/l	96
37) Ethyl Acetate	7.064	43	33510	21.096	ug/l	95
38) Carbon Tetrachloride	7.893	117	59846	20.031	ug/l	98
39) Methylcyclohexane	9.179	83	72196	20.516	ug/l	94
40) Benzene	8.155	78	173372	20.761	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	19591m	25.703	ug/l	
42) 1,2-Dichloroethane	8.228	62	47985	20.483	ug/l	91
43) Isopropyl Acetate	8.265	43	59588	20.473	ug/l #	93
44) Trichloroethene	8.935	130	47628	20.054	ug/l	99
45) 1,2-Dichloropropane	9.216	63	42912	20.944	ug/l	99
46) Dibromomethane	9.301	93	24553	20.633	ug/l	95
47) Bromodichloromethane	9.490	83	57045	20.444	ug/l	99
48) Methyl methacrylate	9.289	41	27875	21.677	ug/l	89
49) 1,4-Dioxane	9.295	88	6240	393.401	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	159813	105.749	ug/l	93
52) Toluene	10.240	92	110738	20.934	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	59344	20.592	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	68270	20.834	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	34563	20.624	ug/l	96
56) Ethyl methacrylate	10.508	69	44566	20.786	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	58077	20.883	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	100383	105.183	ug/l	97
59) 2-Hexanone	10.831	43	110084	104.732	ug/l	91
60) Dibromochloromethane	10.977	129	41514	20.471	ug/l	100
61) 1,2-Dibromoethane	11.087	107	33165	20.283	ug/l	98
64) Tetrachloroethene	10.715	164	45414	21.057	ug/l	97
65) Chlorobenzene	11.514	112	117552	20.874	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	42710	20.413	ug/l	97
67) Ethyl Benzene	11.587	91	204519	20.649	ug/l	97
68) m/p-Xylenes	11.697	106	165086	41.881	ug/l	91
69) o-Xylene	12.026	106	76139	20.641	ug/l	91
70) Styrene	12.038	104	128150	20.887	ug/l	94
71) Bromoform	12.203	173	27625	20.922	ug/l #	98
73) Isopropylbenzene	12.325	105	199958	20.487	ug/l	99
74) N-amyl acetate	12.142	43	54239	20.895	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	41031	20.992	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	28066m	20.900	ug/l	
77) Bromobenzene	12.605	156	50312	20.499	ug/l	90
78) n-propylbenzene	12.666	91	246011	20.860	ug/l	97
79) 2-Chlorotoluene	12.752	91	135545	20.729	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	168346	20.874	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	13859	20.350	ug/l	86
82) 4-Chlorotoluene	12.849	91	141211	20.817	ug/l	95
83) tert-Butylbenzene	13.075	119	148525	20.729	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	167896	20.816	ug/l	98
85) sec-Butylbenzene	13.251	105	221289	20.830	ug/l	98
86) p-Isopropyltoluene	13.367	119	184677	20.686	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	100148	20.627	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	100639	20.906	ug/l	98
89) n-Butylbenzene	13.690	91	171861	21.078	ug/l	99
90) Hexachloroethane	13.959	117	36180	21.035	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	87811	20.703	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6414	21.569	ug/l	79
93) 1,2,4-Trichlorobenzene	15.001	180	55175	20.726	ug/l	99
94) Hexachlorobutadiene	15.111	225	33951	21.498	ug/l	98
95) Naphthalene	15.233	128	102381	20.144	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	47768	20.427	ug/l	98

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

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