

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078874.D
 Acq On : 07 May 2024 11:30
 Operator : RP/MD
 Sample : VD0507SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024
 Supervised By :Semsettin Yesilyurt 05/08/2024

Quant Time: May 08 04:20:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	124647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	208814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	193966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64602	46.694	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.380%		
35) Dibromofluoromethane	7.804	113	78034	50.897	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.800%		
50) Toluene-d8	10.269	98	298902	50.800	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.600%		
62) 4-Bromofluorobenzene	12.575	95	83340	49.491	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	27011	19.170	ug/l	93
3) Chloromethane	2.146	50	35486	16.945	ug/l	96
4) Vinyl Chloride	2.281	62	58637	19.289	ug/l	92
5) Bromomethane	2.681	94	53153	17.523	ug/l	97
6) Chloroethane	2.834	64	48038	19.182	ug/l	99
7) Trichlorofluoromethane	3.175	101	50017	20.216	ug/l	94
8) Diethyl Ether	3.599	74	12563	18.623	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.963	101	31703	21.329	ug/l	97
10) Methyl Iodide	4.163	142	30609	18.464	ug/l	93
11) Tert butyl alcohol	5.063	59	6304	99.472	ug/l #	92
12) 1,1-Dichloroethene	3.934	96	27329	18.543	ug/l	97
13) Acrolein	3.804	56	10620	86.764	ug/l	98
14) Allyl chloride	4.563	41	25274	17.084	ug/l	90
15) Acrylonitrile	5.251	53	25929	96.554	ug/l	98
16) Acetone	4.022	43	18950	91.851	ug/l	97
17) Carbon Disulfide	4.275	76	75037	15.396	ug/l	100
18) Methyl Acetate	4.569	43	9938	19.431	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	52434	18.799	ug/l	95
20) Methylene Chloride	4.798	84	33609	16.327	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	30636	18.538	ug/l	91
22) Diisopropyl ether	6.210	45	62254	19.030	ug/l #	92
23) Vinyl Acetate	6.157	43	184395	93.498	ug/l	99
24) 1,1-Dichloroethane	6.116	63	49183	18.675	ug/l	98
25) 2-Butanone	7.087	43	26066	90.089	ug/l	98
26) 2,2-Dichloropropane	7.075	77	43863	19.738	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	34800	18.436	ug/l	96
28) Bromochloromethane	7.428	49	17524	17.685	ug/l	92
29) Tetrahydrofuran	7.445	42	15292	90.323	ug/l	90
30) Chloroform	7.598	83	55381	18.844	ug/l	99
31) Cyclohexane	7.875	56	37009	18.018	ug/l	94
32) 1,1,1-Trichloroethane	7.792	97	48328	19.497	ug/l	99
36) 1,1-Dichloropropene	8.004	75	35615	18.060	ug/l	98
37) Ethyl Acetate	7.169	43	13758	21.092	ug/l #	89
38) Carbon Tetrachloride	7.992	117	44044	19.402	ug/l	92
39) Methylcyclohexane	9.275	83	42801	17.614	ug/l	96
40) Benzene	8.251	78	116741	18.076	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	6961m	21.611	ug/l	
42) 1,2-Dichloroethane	8.328	62	29628	19.432	ug/l	99
43) Isopropyl Acetate	8.357	43	23299	19.528	ug/l #	84
44) Trichloroethene	9.028	130	31547	19.392	ug/l	92
45) 1,2-Dichloropropane	9.304	63	25850	18.252	ug/l	99
46) Dibromomethane	9.392	93	16955	18.804	ug/l	96
47) Bromodichloromethane	9.586	83	41457	18.568	ug/l	94
48) Methyl methacrylate	9.375	41	10419	18.630	ug/l	93
49) 1,4-Dioxane	9.386	88	3043	369.818	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	61294	95.935	ug/l	98
52) Toluene	10.333	92	76716	18.912	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	34995	18.693	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	41336	18.281	ug/l	95
55) 1,1,2-Trichloroethane	10.733	97	23044	19.703	ug/l	92
56) Ethyl methacrylate	10.598	69	22076	18.371	ug/l	96
57) 1,3-Dichloropropane	10.880	76	34147	18.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	44510	84.825	ug/l	99
59) 2-Hexanone	10.922	43	42492	93.929	ug/l	98
60) Dibromochloromethane	11.075	129	29683	18.725	ug/l	97
61) 1,2-Dibromoethane	11.180	107	20644	19.033	ug/l	97
64) Tetrachloroethene	10.810	164	26264	19.852	ug/l	91
65) Chlorobenzene	11.610	112	88459	19.872	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.680	131	30303	19.467	ug/l	97
67) Ethyl Benzene	11.680	91	138007	18.954	ug/l	97
68) m/p-Xylenes	11.792	106	113942	38.649	ug/l	98
69) o-Xylene	12.122	106	51203	18.997	ug/l	99
70) Styrene	12.133	104	90819	19.163	ug/l	99
71) Bromoform	12.298	173	17334	20.567	ug/l #	100
73) Isopropylbenzene	12.422	105	129538	19.129	ug/l	99
74) N-amyl acetate	12.233	43	21874	19.418	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	25468	20.073	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	13078m	15.647	ug/l	
77) Bromobenzene	12.698	156	33907	19.488	ug/l	96
78) n-propylbenzene	12.763	91	163959	19.978	ug/l	99
79) 2-Chlorotoluene	12.845	91	90096	19.669	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	111397	19.810	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	8400	19.637	ug/l	98
82) 4-Chlorotoluene	12.945	91	96086	19.670	ug/l	100
83) tert-Butylbenzene	13.169	119	99606	20.579	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	110897	19.267	ug/l	99
85) sec-Butylbenzene	13.345	105	147786	20.107	ug/l	98
86) p-Isopropyltoluene	13.463	119	124642	19.568	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	72109	19.790	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	69827	19.359	ug/l	97
89) n-Butylbenzene	13.786	91	114596	20.180	ug/l	97
90) Hexachloroethane	14.051	117	28117	20.632	ug/l	92
91) 1,2-Dichlorobenzene	13.827	146	60652	19.450	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3583	20.742	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	35657	20.583	ug/l	97
94) Hexachlorobutadiene	15.204	225	19053	21.469	ug/l	97
95) Naphthalene	15.333	128	60221	19.295	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	29931	19.503	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

