

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
 Data File : VD078618.D
 Acq On : 08 Mar 2024 13:37
 Operator : RP/MD
 Sample : VD0308SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/11/2024
 Supervised By :Semsettin Yesilyurt 03/11/2024

Quant Time: Mar 09 02:33:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	120760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	208739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61341	51.242	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.480%			
35) Dibromofluoromethane	7.799	113	66889	49.262	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.520%			
50) Toluene-d8	10.269	98	258241	48.944	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.880%			
62) 4-Bromofluorobenzene	12.569	95	73064	48.483	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22100	21.009	ug/l	98
3) Chloromethane	2.152	50	39304	20.293	ug/l	93
4) Vinyl Chloride	2.281	62	60891	20.514	ug/l	99
5) Bromomethane	2.681	94	50952	21.492	ug/l	95
6) Chloroethane	2.828	64	47310	21.504	ug/l	98
7) Trichlorofluoromethane	3.170	101	39168	19.514	ug/l	99
8) Diethyl Ether	3.587	74	11145	19.775	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.970	101	24404	19.292	ug/l	96
10) Methyl Iodide	4.158	142	21420	16.182	ug/l #	86
11) Tert butyl alcohol	5.075	59	6966	121.649	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	21839	18.493	ug/l	96
13) Acrolein	3.793	56	10007	84.291	ug/l	98
14) Allyl chloride	4.558	41	26054	19.370	ug/l	92
15) Acrylonitrile	5.264	53	24486	105.381	ug/l	98
16) Acetone	4.028	43	23998	104.640	ug/l	90
17) Carbon Disulfide	4.264	76	69619	17.694	ug/l #	94
18) Methyl Acetate	4.569	43	8867	20.426	ug/l #	84
19) Methyl tert-butyl Ether	5.317	73	46434	19.338	ug/l	100
20) Methylene Chloride	4.799	84	39534	18.441	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	25737	18.138	ug/l	91
22) Diisopropyl ether	6.216	45	59115	19.602	ug/l #	94
23) Vinyl Acetate	6.158	43	180908	101.005	ug/l	93
24) 1,1-Dichloroethane	6.099	63	45324	19.894	ug/l	99
25) 2-Butanone	7.087	43	31019	107.224	ug/l	88
26) 2,2-Dichloropropane	7.075	77	36772	19.105	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	29996	19.306	ug/l	97
28) Bromochloromethane	7.422	49	18845	22.141	ug/l	87
29) Tetrahydrofuran	7.446	42	15565	96.845	ug/l	98
30) Chloroform	7.593	83	49422	20.091	ug/l	94
31) Cyclohexane	7.875	56	32790	17.501	ug/l #	92
32) 1,1,1-Trichloroethane	7.793	97	41654	19.738	ug/l	99
36) 1,1-Dichloropropene	8.005	75	33617	17.891	ug/l	97
37) Ethyl Acetate	7.169	43	11265	18.503	ug/l #	94
38) Carbon Tetrachloride	7.993	117	36209	18.425	ug/l #	80
39) Methylcyclohexane	9.269	83	36628	16.609	ug/l	99
40) Benzene	8.252	78	102124	18.337	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	5916	18.130	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	27830	19.697	ug/l	99
43) Isopropyl Acetate	8.358	43	21999	18.848	ug/l #	78
44) Trichloroethene	9.022	130	26731	17.491	ug/l	98
45) 1,2-Dichloropropane	9.305	63	24995	18.683	ug/l	95
46) Dibromomethane	9.387	93	15801	20.487	ug/l	89
47) Bromodichloromethane	9.581	83	36818	19.360	ug/l #	99
48) Methyl methacrylate	9.381	41	9147	17.300	ug/l #	85
49) 1,4-Dioxane	9.381	88	3303	437.067	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	60742	100.825	ug/l	93
52) Toluene	10.334	92	65075	18.210	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	32709	18.592	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	38211	18.140	ug/l #	92
55) 1,1,2-Trichloroethane	10.728	97	19926	18.348	ug/l	94
56) Ethyl methacrylate	10.599	69	19690	18.089	ug/l	92
57) 1,3-Dichloropropane	10.881	76	32936	18.715	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	57161	130.744	ug/l	98
59) 2-Hexanone	10.922	43	47706	106.761	ug/l	89
60) Dibromochloromethane	11.069	129	25516	19.458	ug/l	100
61) 1,2-Dibromoethane	11.175	107	19531	19.596	ug/l	98
64) Tetrachloroethene	10.804	164	22606	18.347	ug/l	92
65) Chlorobenzene	11.604	112	72488	18.797	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	27393	19.081	ug/l	94
67) Ethyl Benzene	11.681	91	119135	17.830	ug/l	97
68) m/p-Xylenes	11.793	106	95794	35.438	ug/l	94
69) o-Xylene	12.116	106	43075	17.565	ug/l	91
70) Styrene	12.134	104	76481	17.993	ug/l	98
71) Bromoform	12.299	173	14677	19.217	ug/l #	99
73) Isopropylbenzene	12.422	105	111441	17.207	ug/l	98
74) N-amyl acetate	12.234	43	20112	18.450	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	24994	20.145	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	14223m	18.227	ug/l	
77) Bromobenzene	12.698	156	28863	18.427	ug/l	95
78) n-propylbenzene	12.763	91	144750	18.272	ug/l	96
79) 2-Chlorotoluene	12.846	91	78381	18.438	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	94676	17.965	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	7697	21.113	ug/l	92
82) 4-Chlorotoluene	12.946	91	82846	18.286	ug/l	98
83) tert-Butylbenzene	13.163	119	82958	18.281	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	95571	17.742	ug/l	98
85) sec-Butylbenzene	13.345	105	126379	17.852	ug/l	96
86) p-Isopropyltoluene	13.457	119	105082	17.633	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	60935	18.207	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	62532	18.649	ug/l	99
89) n-Butylbenzene	13.787	91	96279	17.287	ug/l	98
90) Hexachloroethane	14.051	117	22660	18.700	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	52041	18.306	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3315	20.045	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	29962	17.798	ug/l	98
94) Hexachlorobutadiene	15.204	225	16425	17.733	ug/l	97
95) Naphthalene	15.328	128	53846	18.101	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	25722	17.205	ug/l	95

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

