

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076372.D
 Acq On : 08 Jun 2023 14:29
 Operator : KP/SY
 Sample : VD0608SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/09/2023
 Supervised By :Mahesh Dadoda 06/09/2023

Quant Time: Jun 08 16:16:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	210339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	354053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	327577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	173951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96695	51.307	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.620%			
35) Dibromofluoromethane	7.805	113	118957	52.917	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.840%			
50) Toluene-d8	10.269	98	478994	53.516	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.040%			
62) 4-Bromofluorobenzene	12.575	95	130045	54.903	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	39630	19.456	ug/l	98
3) Chloromethane	2.146	50	79684	20.358	ug/l	99
4) Vinyl Chloride	2.281	62	94304	18.358	ug/l	96
5) Bromomethane	2.675	94	65737	19.723	ug/l	100
6) Chloroethane	2.828	64	68166	19.801	ug/l	98
7) Trichlorofluoromethane	3.164	101	64579	18.934	ug/l	95
8) Diethyl Ether	3.593	74	22838	20.526	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	43326	19.859	ug/l	98
10) Methyl Iodide	4.158	142	55482	18.274	ug/l	99
11) Tert butyl alcohol	5.058	59	10404	98.777	ug/l	95
12) 1,1-Dichloroethene	3.928	96	44702	19.301	ug/l	95
13) Acrolein	3.793	56	23807	103.891	ug/l	96
14) Allyl chloride	4.564	41	42085	18.493	ug/l	93
15) Acrylonitrile	5.252	53	44422	99.984	ug/l	96
16) Acetone	4.028	43	35514	102.882	ug/l	88
17) Carbon Disulfide	4.264	76	144171	18.663	ug/l	99
18) Methyl Acetate	4.569	43	28359	19.373	ug/l	96
19) Methyl tert-butyl Ether	5.322	73	83804	19.640	ug/l	96
20) Methylene Chloride	4.793	84	70227	21.762	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	52868	19.699	ug/l	98
22) Diisopropyl ether	6.216	45	104033	20.556	ug/l	99
23) Vinyl Acetate	6.158	43	221760	116.460	ug/l	99
24) 1,1-Dichloroethane	6.111	63	86966	21.040	ug/l	97
25) 2-Butanone	7.081	43	44813	93.753	ug/l	99
26) 2,2-Dichloropropane	7.075	77	68399	19.984	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	55332	19.085	ug/l	98
28) Bromochloromethane	7.428	49	23422	20.971	ug/l	98
29) Tetrahydrofuran	7.446	42	27208	96.482	ug/l	98
30) Chloroform	7.593	83	92750	21.381	ug/l	95
31) Cyclohexane	7.869	56	56379	17.818	ug/l #	93
32) 1,1,1-Trichloroethane	7.793	97	70804	20.497	ug/l	98
36) 1,1-Dichloropropene	8.005	75	63945	19.798	ug/l	100
37) Ethyl Acetate	7.169	43	20185	18.943	ug/l	97
38) Carbon Tetrachloride	7.987	117	56161	19.836	ug/l	97
39) Methylcyclohexane	9.275	83	65813	17.834	ug/l	98
40) Benzene	8.246	78	206250	20.187	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	10622	19.565	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	49398	20.934	ug/l	99
43) Isopropyl Acetate	8.357	43	37329	19.547	ug/l	98
44) Trichloroethene	9.028	130	56924	19.926	ug/l	100
45) 1,2-Dichloropropane	9.305	63	50986	21.263	ug/l	93
46) Dibromomethane	9.393	93	28149	20.738	ug/l	97
47) Bromodichloromethane	9.587	83	68794	21.620	ug/l	99
48) Methyl methacrylate	9.381	41	16987	19.635	ug/l	96
49) 1,4-Dioxane	9.381	88	6129	411.987	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	100818	100.155	ug/l	99
52) Toluene	10.334	92	133385	21.230	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	59139	20.027	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	75696	20.743	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	41354	21.518	ug/l	98
56) Ethyl methacrylate	10.599	69	37727	19.247	ug/l	98
57) 1,3-Dichloropropane	10.881	76	64108	21.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	81289	98.772	ug/l	100
59) 2-Hexanone	10.922	43	67790	98.154	ug/l	98
60) Dibromochloromethane	11.075	129	46796	21.480	ug/l	94
61) 1,2-Dibromoethane	11.175	107	37229	21.289	ug/l	96
64) Tetrachloroethene	10.810	164	47561	20.270	ug/l	96
65) Chlorobenzene	11.610	112	145840	20.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	49255	20.902	ug/l	100
67) Ethyl Benzene	11.687	91	220185	19.466	ug/l	99
68) m/p-Xylenes	11.793	106	192784	41.231	ug/l	100
69) o-Xylene	12.122	106	86051	20.412	ug/l	100
70) Styrene	12.134	104	151713	20.985	ug/l	99
71) Bromoform	12.298	173	26803	21.083	ug/l #	97
73) Isopropylbenzene	12.422	105	211306	18.975	ug/l	99
74) N-amyl acetate	12.234	43	33582	17.586	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	46780	20.985	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	30215m	18.608	ug/l	
77) Bromobenzene	12.704	156	58058	19.829	ug/l	98
78) n-propylbenzene	12.763	91	270028	19.613	ug/l	100
79) 2-Chlorotoluene	12.851	91	147702	19.667	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	182119	19.833	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	13214	19.491	ug/l	99
82) 4-Chlorotoluene	12.951	91	157771	19.731	ug/l	98
83) tert-Butylbenzene	13.169	119	147655	19.175	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	182330	19.881	ug/l	97
85) sec-Butylbenzene	13.345	105	231077	19.510	ug/l	98
86) p-Isopropyltoluene	13.463	119	191795	19.536	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	121497	20.584	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	123765	20.709	ug/l	99
89) n-Butylbenzene	13.793	91	173181	18.979	ug/l	99
90) Hexachloroethane	14.057	117	39647	20.114	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	105333	20.555	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5924	20.116	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	59218	19.882	ug/l	99
94) Hexachlorobutadiene	15.204	225	28964	19.889	ug/l	98
95) Naphthalene	15.334	128	103416	18.838	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	52654	19.990	ug/l	96

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

