

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075635.D
 Acq On : 12 Apr 2023 12:51
 Operator : KP/SY
 Sample : VD0412SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

Quant Time: Apr 13 07:24:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

04/13/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	196366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	340752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	317451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	200182	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	90445	56.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.300%	
35) Dibromofluoromethane	7.805	113	111166	55.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.340%	
50) Toluene-d8	10.269	98	433553	55.350	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.700%	
62) 4-Bromofluorobenzene	12.575	95	134192	58.233	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	28730	20.710	ug/l	97
3) Chloromethane	2.146	50	47705	19.775	ug/l	99
4) Vinyl Chloride	2.281	62	67773	20.067	ug/l	99
5) Bromomethane	2.675	94	51797	19.259	ug/l	99
6) Chloroethane	2.834	64	49409	20.855	ug/l	96
7) Trichlorofluoromethane	3.169	101	60647	21.050	ug/l	97
8) Diethyl Ether	3.593	74	17091	19.207	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.964	101	40461	21.336	ug/l	93
10) Methyl Iodide	4.158	142	43170	19.039	ug/l	91
11) Tert butyl alcohol	5.052	59	9244	121.380	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	37109	20.387	ug/l	83
13) Acrolein	3.793	56	14083	117.413	ug/l	99
14) Allyl chloride	4.558	41	34548	21.030	ug/l #	79
15) Acrylonitrile	5.252	53	35297	103.511	ug/l	97
16) Acetone	4.022	43	32253	109.883	ug/l #	78
17) Carbon Disulfide	4.269	76	91240	19.367	ug/l	97
18) Methyl Acetate	4.558	43	18999	21.447	ug/l #	70
19) Methyl tert-butyl Ether	5.316	73	75161	19.537	ug/l	94
20) Methylene Chloride	4.799	84	56427	16.473	ug/l #	73
21) trans-1,2-Dichloroethene	5.305	96	42033	19.563	ug/l #	76
22) Diisopropyl ether	6.210	45	84331	20.927	ug/l #	87
23) Vinyl Acetate	6.152	43	195625	100.087	ug/l #	87
24) 1,1-Dichloroethane	6.110	63	69083	20.759	ug/l	94
25) 2-Butanone	7.087	43	40984	107.591	ug/l #	70
26) 2,2-Dichloropropane	7.069	77	61802	20.244	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	50451	19.943	ug/l	83
28) Bromochloromethane	7.422	49	24981	21.970	ug/l #	54
29) Tetrahydrofuran	7.446	42	21745	107.798	ug/l #	55
30) Chloroform	7.599	83	79244	20.932	ug/l	98
31) Cyclohexane	7.875	56	47479	20.259	ug/l #	71
32) 1,1,1-Trichloroethane	7.793	97	65132	20.673	ug/l	95
36) 1,1-Dichloropropene	8.010	75	54610	21.412	ug/l	95
37) Ethyl Acetate	7.157	43	17161	22.380	ug/l #	87
38) Carbon Tetrachloride	7.993	117	51774	21.168	ug/l	98
39) Methylcyclohexane	9.275	83	59154	19.478	ug/l #	89
40) Benzene	8.246	78	174904	21.283	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.399	41	8993	20.837	ug/l	#	70
42) 1,2-Dichloroethane	8.322	62	40518	21.220	ug/l		92
43) Isopropyl Acetate	8.357	43	32429	22.154	ug/l	#	80
44) Trichloroethene	9.028	130	48356	20.088	ug/l		97
45) 1,2-Dichloropropane	9.304	63	40326	21.035	ug/l		95
46) Dibromomethane	9.393	93	25434	21.367	ug/l		97
47) Bromodichloromethane	9.581	83	60465	21.006	ug/l		97
48) Methyl methacrylate	9.375	41	13428	20.242	ug/l	#	55
49) 1,4-Dioxane	9.381	88	5075	470.337	ug/l	#	71
51) 4-Methyl-2-Pentanone	10.157	43	85985	109.120	ug/l	#	82
52) Toluene	10.334	92	113851	20.512	ug/l		95
53) t-1,3-Dichloropropene	10.551	75	53106	20.354	ug/l		95
54) cis-1,3-Dichloropropene	10.016	75	64474	20.323	ug/l	#	76
55) 1,1,2-Trichloroethane	10.734	97	37081	21.125	ug/l		94
56) Ethyl methacrylate	10.598	69	32129	18.990	ug/l	#	68
57) 1,3-Dichloropropane	10.881	76	54152	20.489	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	84314	103.071	ug/l	#	88
59) 2-Hexanone	10.922	43	60112	108.285	ug/l		77
60) Dibromochloromethane	11.075	129	42603	20.328	ug/l		97
61) 1,2-Dibromoethane	11.181	107	32063	19.112	ug/l		98
64) Tetrachloroethene	10.810	164	40645	21.287	ug/l		96
65) Chlorobenzene	11.604	112	127343	20.666	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.681	131	43708	20.058	ug/l		94
67) Ethyl Benzene	11.687	91	210557	20.710	ug/l		96
68) m/p-Xylenes	11.793	106	172632	41.225	ug/l		93
69) o-Xylene	12.122	106	75884	20.129	ug/l		96
70) Styrene	12.140	104	135534	20.964	ug/l		94
71) Bromoform	12.298	173	23702	21.044	ug/l	#	98
73) Isopropylbenzene	12.422	105	203907	16.415	ug/l		98
74) N-amyl acetate	12.234	43	27588	15.835	ug/l	#	71
75) 1,1,2,2-Tetrachloroethane	12.675	83	44691	19.234	ug/l		96
76) 1,2,3-Trichloropropane	12.728	75	31536m	24.232	ug/l		
77) Bromobenzene	12.704	156	64842	20.680	ug/l		84
78) n-propylbenzene	12.763	91	300218	20.101	ug/l		96
79) 2-Chlorotoluene	12.851	91	163371	19.777	ug/l		89
80) 1,3,5-Trimethylbenzene	12.904	105	209493	20.592	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.469	75	11309	16.544	ug/l	#	76
82) 4-Chlorotoluene	12.951	91	172533	20.134	ug/l		89
83) tert-Butylbenzene	13.169	119	175745	19.895	ug/l		93
84) 1,2,4-Trimethylbenzene	13.216	105	207800	20.226	ug/l		96
85) sec-Butylbenzene	13.345	105	286693	21.238	ug/l		96
86) p-Isopropyltoluene	13.463	119	237322	20.914	ug/l		94
87) 1,3-Dichlorobenzene	13.463	146	140448	21.451	ug/l		98
88) 1,4-Dichlorobenzene	13.540	146	137701	21.265	ug/l		97
89) n-Butylbenzene	13.787	91	193082	18.715	ug/l		98
90) Hexachloroethane	14.057	117	39208	18.266	ug/l		99
91) 1,2-Dichlorobenzene	13.834	146	97828	17.333	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.457	75	5377	18.500	ug/l		92
93) 1,2,4-Trichlorobenzene	15.098	180	50915	17.009	ug/l		97
94) Hexachlorobutadiene	15.210	225	23147	16.325	ug/l		98
95) Naphthalene	15.334	128	90558	15.933	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	45577	17.185	ug/l		97

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

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

