

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075743.D
 Acq On : 19 Apr 2023 12:26
 Operator : KP/SY
 Sample : VD0419SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 05:59:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	200004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	346745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	314756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	157864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92074	48.500	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.000%		
35) Dibromofluoromethane	7.804	113	113820	48.804	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.600%		
50) Toluene-d8	10.269	98	463116	49.587	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.180%		
62) 4-Bromofluorobenzene	12.575	95	141432	56.974	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	113.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	40216	21.640	ug/l	89
3) Chloromethane	2.146	50	62465	18.615	ug/l	95
4) Vinyl Chloride	2.281	62	84684	19.018	ug/l	97
5) Bromomethane	2.681	94	67005	19.273	ug/l	98
6) Chloroethane	2.834	64	56563	18.867	ug/l	100
7) Trichlorofluoromethane	3.175	101	73435	21.284	ug/l	96
8) Diethyl Ether	3.599	74	20122	18.739	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.969	101	46749	21.608	ug/l	95
10) Methyl Iodide	4.163	142	62769	21.199	ug/l #	88
11) Tert butyl alcohol	5.040	59	8306m	87.178	ug/l	
12) 1,1-Dichloroethene	3.940	96	47400	21.159	ug/l #	79
13) Acrolein	3.799	56	16904	87.959	ug/l	99
14) Allyl chloride	4.558	41	40890	20.042	ug/l #	80
15) Acrylonitrile	5.252	53	40846	101.841	ug/l	97
16) Acetone	4.022	43	32829	94.393	ug/l #	68
17) Carbon Disulfide	4.269	76	146524	19.987	ug/l	97
18) Methyl Acetate	4.563	43	22723	19.375	ug/l #	64
19) Methyl tert-butyl Ether	5.316	73	82500	18.976	ug/l	99
20) Methylene Chloride	4.805	84	69408	23.340	ug/l #	75
21) trans-1,2-Dichloroethene	5.316	96	55814	20.920	ug/l #	73
22) Diisopropyl ether	6.216	45	94496	20.498	ug/l #	92
23) Vinyl Acetate	6.152	43	213659	99.780	ug/l #	88
24) 1,1-Dichloroethane	6.116	63	80456	21.061	ug/l #	96
25) 2-Butanone	7.081	43	40326	90.054	ug/l #	79
26) 2,2-Dichloropropane	7.075	77	68459	19.767	ug/l	89
27) cis-1,2-Dichloroethene	7.081	96	59412	20.102	ug/l	80
28) Bromochloromethane	7.422	49	25553	21.161	ug/l #	52
29) Tetrahydrofuran	7.446	42	24069	98.288	ug/l #	61
30) Chloroform	7.599	83	89636	20.698	ug/l	98
31) Cyclohexane	7.881	56	61140	20.523	ug/l #	71
32) 1,1,1-Trichloroethane	7.793	97	75746	21.451	ug/l	95
36) 1,1-Dichloropropene	8.010	75	66762	20.750	ug/l	94
37) Ethyl Acetate	7.163	43	18942	19.345	ug/l #	76
38) Carbon Tetrachloride	7.993	117	60169	21.236	ug/l	97
39) Methylcyclohexane	9.275	83	75456	20.281	ug/l	92
40) Benzene	8.251	78	206086	20.604	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	9950	21.176	ug/l #	59
42) 1,2-Dichloroethane	8.322	62	46924	20.654	ug/l	90
43) Isopropyl Acetate	8.357	43	33236	18.614	ug/l #	77
44) Trichloroethene	9.028	130	57499	20.312	ug/l	94
45) 1,2-Dichloropropane	9.310	63	46174	20.600	ug/l	90
46) Dibromomethane	9.393	93	27408	19.275	ug/l	93
47) Bromodichloromethane	9.587	83	65751	20.214	ug/l	97
48) Methyl methacrylate	9.381	41	14677	18.450	ug/l #	57
49) 1,4-Dioxane	9.381	88	5117	362.706	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	88372	92.829	ug/l #	79
52) Toluene	10.334	92	133265	20.037	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	58281	18.692	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	70972	19.157	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	39494	19.182	ug/l	91
56) Ethyl methacrylate	10.598	69	35564	17.552	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	60812	19.456	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	82607	94.932	ug/l #	85
59) 2-Hexanone	10.922	43	61865	92.424	ug/l	75
60) Dibromochloromethane	11.075	129	45700	18.969	ug/l	98
61) 1,2-Dibromoethane	11.181	107	37171	18.926	ug/l	99
64) Tetrachloroethene	10.810	164	46213	20.387	ug/l	95
65) Chlorobenzene	11.610	112	141267	20.954	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	48033	20.725	ug/l	95
67) Ethyl Benzene	11.687	91	230478	21.065	ug/l	96
68) m/p-Xylenes	11.792	106	191509	42.709	ug/l	92
69) o-Xylene	12.122	106	86057	21.225	ug/l	91
70) Styrene	12.139	104	148984	20.286	ug/l	93
71) Bromoform	12.298	173	29770	24.572	ug/l #	100
73) Isopropylbenzene	12.422	105	242529	23.409	ug/l	96
74) N-amyl acetate	12.239	43	33664	22.112	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	45475	22.595	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	24944m	19.376	ug/l	
77) Bromobenzene	12.704	156	66561	24.920	ug/l	83
78) n-propylbenzene	12.763	91	305000	24.016	ug/l	97
79) 2-Chlorotoluene	12.851	91	163810	22.742	ug/l	87
80) 1,3,5-Trimethylbenzene	12.904	105	216228	25.035	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	14559	24.511	ug/l #	65
82) 4-Chlorotoluene	12.951	91	180110	24.047	ug/l	91
83) tert-Butylbenzene	13.169	119	172618	23.702	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	212852	24.559	ug/l	93
85) sec-Butylbenzene	13.345	105	277110	24.665	ug/l	97
86) p-Isopropyltoluene	13.463	119	208194	22.259	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	118926	21.402	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	115920	21.116	ug/l	98
89) n-Butylbenzene	13.792	91	183333	21.279	ug/l	99
90) Hexachloroethane	14.057	117	38583	20.762	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	97170	20.414	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5113	18.951	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	51707	18.672	ug/l	96
94) Hexachlorobutadiene	15.210	225	26388	19.937	ug/l	98
95) Naphthalene	15.333	128	95170	18.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	46503	19.079	ug/l	98

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

