

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061623\
 Data File : VD076457.D
 Acq On : 16 Jun 2023 16:04
 Operator : KP/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023

Quant Time: Jun 19 04:26:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:23:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	166932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	286136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	262357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	127144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33520	20.042	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.080%#		
35) Dibromofluoromethane	7.805	113	34173	20.104	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.200%#		
50) Toluene-d8	10.269	98	132142	20.498	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	41.000%#		
62) 4-Bromofluorobenzene	12.575	95	42656	20.388	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	40.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	26276	20.715	ug/l	96
3) Chloromethane	2.146	50	52610	19.943	ug/l	99
4) Vinyl Chloride	2.275	62	58345	19.826	ug/l	98
5) Bromomethane	2.670	94	38364	20.050	ug/l	96
6) Chloroethane	2.822	64	41632	20.641	ug/l	99
7) Trichlorofluoromethane	3.164	101	48040	19.837	ug/l	99
8) Diethyl Ether	3.587	74	18161	19.926	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.958	101	32170	20.626	ug/l	97
10) Methyl Iodide	4.158	142	36459	19.717	ug/l	92
11) Tert butyl alcohol	5.058	59	14159	98.050	ug/l	98
12) 1,1-Dichloroethene	3.934	96	30385	19.892	ug/l	84
13) Acrolein	3.787	56	16566	106.506	ug/l	94
14) Allyl chloride	4.552	41	55388	19.828	ug/l #	88
15) Acrylonitrile	5.252	53	47438	101.218	ug/l	98
16) Acetone	4.022	43	37997	95.471	ug/l	97
17) Carbon Disulfide	4.264	76	78399	18.785	ug/l	97
18) Methyl Acetate	4.558	43	36055	19.658	ug/l #	78
19) Methyl tert-butyl Ether	5.322	73	84734	20.280	ug/l	98
20) Methylene Chloride	4.793	84	57330	21.229	ug/l #	71
21) trans-1,2-Dichloroethene	5.305	96	34964	19.804	ug/l	93
22) Diisopropyl ether	6.216	45	121149	20.057	ug/l #	92
23) Vinyl Acetate	6.152	43	298610	102.677	ug/l #	89
24) 1,1-Dichloroethane	6.105	63	69601	20.635	ug/l	97
25) 2-Butanone	7.081	43	60021	97.504	ug/l #	80
26) 2,2-Dichloropropane	7.075	77	58150	19.996	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	41925	19.622	ug/l	81
28) Bromochloromethane	7.416	49	21532	20.976	ug/l #	73
29) Tetrahydrofuran	7.446	42	39915	100.897	ug/l #	76
30) Chloroform	7.599	83	65641	19.654	ug/l	95
31) Cyclohexane	7.869	56	54311	20.137	ug/l #	83
32) 1,1,1-Trichloroethane	7.787	97	55103	20.410	ug/l	97
36) 1,1-Dichloropropene	8.005	75	48717	20.466	ug/l	93
37) Ethyl Acetate	7.163	43	27705	20.085	ug/l #	90
38) Carbon Tetrachloride	7.987	117	42935	20.180	ug/l #	95
39) Methylcyclohexane	9.275	83	55684	19.934	ug/l	94
40) Benzene	8.252	78	145288	20.014	ug/l	100

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41) Methacrylonitrile	7.405	41	16032m	20.086	ug/l	
42) 1,2-Dichloroethane	8.322	62	40328	20.560	ug/l	96
43) Isopropyl Acetate	8.357	43	53819	20.609	ug/l #	83
44) Trichloroethene	9.028	130	41062	20.969	ug/l	95
45) 1,2-Dichloropropane	9.304	63	40456	20.555	ug/l	91
46) Dibromomethane	9.393	93	21809	20.685	ug/l	94
47) Bromodichloromethane	9.581	83	52241	20.705	ug/l #	90
48) Methyl methacrylate	9.381	41	25467	21.277	ug/l #	71
49) 1,4-Dioxane	9.387	88	5007	396.350	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	130633	97.860	ug/l	87
52) Toluene	10.334	92	95560	20.978	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	50521	19.732	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	60858	20.049	ug/l #	81
55) 1,1,2-Trichloroethane	10.734	97	30851	20.918	ug/l	95
56) Ethyl methacrylate	10.598	69	38077	19.773	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	51302	20.317	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	84526	103.533	ug/l	90
59) 2-Hexanone	10.922	43	91014	98.017	ug/l	83
60) Dibromochloromethane	11.075	129	34654	20.190	ug/l	91
61) 1,2-Dibromoethane	11.181	107	29784	21.513	ug/l	96
64) Tetrachloroethene	10.810	164	32133	20.404	ug/l	94
65) Chlorobenzene	11.610	112	101926	20.450	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	36350	20.392	ug/l	99
67) Ethyl Benzene	11.681	91	177451	20.093	ug/l	98
68) m/p-Xylenes	11.798	106	142840	41.433	ug/l	95
69) o-Xylene	12.122	106	66174	20.164	ug/l	91
70) Styrene	12.134	104	115989	20.460	ug/l	96
71) Bromoform	12.298	173	21187	19.796	ug/l #	99
73) Isopropylbenzene	12.422	105	173854	20.309	ug/l	99
74) N-amyl acetate	12.234	43	48805	19.475	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.675	83	35872	20.308	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	23774m	18.750	ug/l	
77) Bromobenzene	12.698	156	43369	20.535	ug/l	91
78) n-propylbenzene	12.763	91	212088	20.066	ug/l	98
79) 2-Chlorotoluene	12.851	91	118786	20.466	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	145973	20.881	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	11548	20.053	ug/l	93
82) 4-Chlorotoluene	12.945	91	121343	20.131	ug/l	96
83) tert-Butylbenzene	13.169	119	123042	19.808	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	144495	20.511	ug/l	98
85) sec-Butylbenzene	13.345	105	188330	20.431	ug/l	97
86) p-Isopropyltoluene	13.463	119	157759	20.482	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	85634	20.643	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	84335	20.384	ug/l	98
89) n-Butylbenzene	13.787	91	152397	20.285	ug/l	98
90) Hexachloroethane	14.051	117	27605	19.421	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	75521	20.833	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5060	19.031	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	48818	20.207	ug/l	95
94) Hexachlorobutadiene	15.210	225	22798	19.410	ug/l	96
95) Naphthalene	15.334	128	93783	19.413	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	42148	20.024	ug/l	99

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

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