

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061623\
 Data File : VD076455.D
 Acq On : 16 Jun 2023 15:03
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 04:25:53 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	7.869	168	166432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	297423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	268334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9238	5.540	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.080%#		
35) Dibromofluoromethane	7.810	113	8820	4.992	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.980%#		
50) Toluene-d8	10.263	98	32960	4.919	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.840%#		
62) 4-Bromofluorobenzene	12.575	95	11034	5.074	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.140%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	6985	5.523	ug/l	98
3) Chloromethane	2.146	50	16342	6.213	ug/l	89
4) Vinyl Chloride	2.275	62	16042	5.468	ug/l	95
5) Bromomethane	2.675	94	11898	6.237	ug/l	98
6) Chloroethane	2.828	64	11210	5.575	ug/l	96
7) Trichlorofluoromethane	3.163	101	13336	5.523	ug/l	96
8) Diethyl Ether	3.587	74	4911	5.404	ug/l	63
9) 1,1,2-Trichlorotrifluo...	3.963	101	8248	5.304	ug/l	96
10) Methyl Iodide	4.152	142	9014	4.890	ug/l #	91
11) Tert butyl alcohol	5.058	59	4581m	31.819	ug/l	
12) 1,1-Dichloroethene	3.928	96	7930	5.207	ug/l #	74
13) Acrolein	3.799	56	4546	29.315	ug/l	95
14) Allyl chloride	4.563	41	15240	5.472	ug/l #	87
15) Acrylonitrile	5.258	53	12132	25.964	ug/l	97
16) Acetone	4.028	43	11037	27.815	ug/l #	76
17) Carbon Disulfide	4.258	76	24259	5.830	ug/l #	84
18) Methyl Acetate	4.569	43	10226	5.592	ug/l #	86
19) Methyl tert-butyl Ether	5.316	73	21664	5.201	ug/l	99
20) Methylene Chloride	4.793	84	25027	4.125	ug/l #	82
21) trans-1,2-Dichloroethene	5.299	96	9610	5.460	ug/l #	73
22) Diisopropyl ether	6.210	45	30712	5.100	ug/l #	96
23) Vinyl Acetate	6.157	43	71127	24.530	ug/l #	86
24) 1,1-Dichloroethane	6.099	63	16927	5.033	ug/l	96
25) 2-Butanone	7.081	43	16208	26.409	ug/l #	71
26) 2,2-Dichloropropane	7.075	77	16253	5.606	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	11263	5.287	ug/l	83
28) Bromochloromethane	7.428	49	6995	5.404	ug/l #	78
29) Tetrahydrofuran	7.446	42	10250	25.988	ug/l #	74
30) Chloroform	7.599	83	17988	5.402	ug/l	86
31) Cyclohexane	7.875	56	18252	5.839	ug/l #	68
32) 1,1,1-Trichloroethane	7.787	97	13759	5.112	ug/l	97
36) 1,1-Dichloropropene	8.004	75	13002	5.255	ug/l	98
37) Ethyl Acetate	7.163	43	8047	5.612	ug/l #	84
38) Carbon Tetrachloride	7.987	117	10847	4.905	ug/l #	88
39) Methylcyclohexane	9.269	83	15647	5.389	ug/l #	75
40) Benzene	8.246	78	37994	5.035	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	4284m	5.164	ug/l	
42) 1,2-Dichloroethane	8.322	62	10425	5.113	ug/l	89
43) Isopropyl Acetate	8.363	43	13461	4.959	ug/l #	87
44) Trichloroethene	9.034	130	10602	5.209	ug/l	82
45) 1,2-Dichloropropane	9.304	63	10522	5.143	ug/l #	81
46) Dibromomethane	9.393	93	5126	4.677	ug/l	96
47) Bromodichloromethane	9.581	83	12769	4.869	ug/l	89
48) Methyl methacrylate	9.381	41	5357	4.306	ug/l #	73
49) 1,4-Dioxane	9.393	88	1228	93.519	ug/l #	65
51) 4-Methyl-2-Pentanone	10.157	43	32759	23.609	ug/l #	85
52) Toluene	10.328	92	22730	4.800	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	12511	4.701	ug/l	100
54) cis-1,3-Dichloropropene	10.010	75	15478	4.906	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	7407	4.832	ug/l #	84
56) Ethyl methacrylate	10.592	69	9640	4.816	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	12882	4.908	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	23523	27.719	ug/l	91
59) 2-Hexanone	10.922	43	22116	22.914	ug/l	84
60) Dibromochloromethane	11.075	129	8749	4.904	ug/l	98
61) 1,2-Dibromoethane	11.181	107	6984	4.853	ug/l	98
64) Tetrachloroethene	10.810	164	8588	5.332	ug/l	92
65) Chlorobenzene	11.604	112	25371	4.977	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	8429	4.623	ug/l	90
67) Ethyl Benzene	11.681	91	43832	4.852	ug/l	92
68) m/p-Xylenes	11.792	106	34180	9.693	ug/l	88
69) o-Xylene	12.122	106	15825	4.715	ug/l	81
70) Styrene	12.134	104	28276	4.877	ug/l	95
71) Bromoform	12.304	173	5355	4.892	ug/l #	92
73) Isopropylbenzene	12.422	105	41655	4.937	ug/l	97
74) N-amyl acetate	12.239	43	12459	5.044	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.681	83	8700	4.997	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	7000m	5.601	ug/l	
77) Bromobenzene	12.698	156	11168	5.365	ug/l	95
78) n-propylbenzene	12.763	91	53417	5.127	ug/l	94
79) 2-Chlorotoluene	12.851	91	29133	5.092	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	34515	5.009	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	2856	5.031	ug/l	90
82) 4-Chlorotoluene	12.945	91	29633	4.987	ug/l	97
83) tert-Butylbenzene	13.169	119	30927	5.051	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	34299	4.939	ug/l	94
85) sec-Butylbenzene	13.345	105	45157	4.970	ug/l	96
86) p-Isopropyltoluene	13.457	119	36319	4.784	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	21126	5.166	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	21865	5.361	ug/l	95
89) n-Butylbenzene	13.786	91	37829	5.108	ug/l	96
90) Hexachloroethane	14.051	117	6689	4.774	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	17935	5.019	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1331	5.079	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	12358	5.189	ug/l	96
94) Hexachlorobutadiene	15.204	225	5808	5.017	ug/l	94
95) Naphthalene	15.328	128	25154	5.282	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	10628	5.123	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

