

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010923\
 Data File : VD075092.D
 Acq On : 09 Jan 2023 14:21
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 10 03:02:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 02:58:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/10/2023
 Supervised By :Mahesh Dadoda 01/10/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	94659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	153250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	133626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	58886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	131897	138.984	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 277.960%#			
35) Dibromofluoromethane	7.810	113	143899	149.275	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 298.560%#			
50) Toluene-d8	10.269	98	536734	140.425	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 280.840%#			
62) 4-Bromofluorobenzene	12.575	95	172253	140.403	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 280.800%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	63073	123.165	ug/l	96
3) Chloromethane	2.146	50	94941	118.153	ug/l	99
4) Vinyl Chloride	2.281	62	117145	133.792	ug/l	98
5) Bromomethane	2.675	94	77949	132.307	ug/l	95
6) Chloroethane	2.828	64	90646	137.577	ug/l	100
7) Trichlorofluoromethane	3.169	101	178052	142.727	ug/l	93
8) Diethyl Ether	3.587	74	60368	139.429	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	124076	143.359	ug/l	97
10) Methyl Iodide	4.164	142	143868	164.657	ug/l	98
11) Tert butyl alcohol	5.052	59	41442	760.133	ug/l #	90
12) 1,1-Dichloroethene	3.940	96	111471	138.883	ug/l	95
13) Acrolein	3.799	56	54108	626.664	ug/l	99
14) Allyl chloride	4.564	41	194975	141.899	ug/l	99
15) Acrylonitrile	5.252	53	153223	686.498	ug/l	99
16) Acetone	4.022	43	174690	776.882	ug/l	96
17) Carbon Disulfide	4.269	76	196641	125.141	ug/l	98
18) Methyl Acetate	4.564	43	80053	119.462	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	295119	140.389	ug/l	98
20) Methylene Chloride	4.805	84	137122	85.914	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	117229	133.204	ug/l	99
22) Diisopropyl ether	6.216	45	415545	141.296	ug/l	97
23) Vinyl Acetate	6.158	43	896813m	985.426	ug/l	
24) 1,1-Dichloroethane	6.111	63	249416	141.028	ug/l	98
25) 2-Butanone	7.087	43	210221	705.768	ug/l	97
26) 2,2-Dichloropropane	7.081	77	227586	143.483	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	156737	141.062	ug/l	99
28) Bromochloromethane	7.428	49	84711	138.096	ug/l	98
29) Tetrahydrofuran	7.446	42	114168	681.310	ug/l	100
30) Chloroform	7.599	83	253872	141.658	ug/l	98
31) Cyclohexane	7.881	56	170256	121.530	ug/l	96
32) 1,1,1-Trichloroethane	7.799	97	218767	142.264	ug/l	98
36) 1,1-Dichloropropene	8.010	75	169889	142.443	ug/l	99
37) Ethyl Acetate	7.169	43	81758	122.693	ug/l	99
38) Carbon Tetrachloride	7.993	117	167033	159.854	ug/l	98
39) Methylcyclohexane	9.275	83	192057	139.224	ug/l	98
40) Benzene	8.252	78	497487	139.804	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	54706	141.416	ug/l	99
42) 1,2-Dichloroethane	8.328	62	142738	143.133	ug/l	99
43) Isopropyl Acetate	8.363	43	165531	144.226	ug/l	100
44) Trichloroethene	9.028	130	147245	143.970	ug/l	99
45) 1,2-Dichloropropane	9.310	63	140145	144.534	ug/l	99
46) Dibromomethane	9.399	93	69497	141.815	ug/l	98
47) Bromodichloromethane	9.587	83	192076	150.093	ug/l	98
48) Methyl methacrylate	9.381	41	73753	142.621	ug/l	97
49) 1,4-Dioxane	9.387	88	15132	2835.352	ug/l	91
51) 4-Methyl-2-Pentanone	10.163	43	422460	728.934	ug/l	99
52) Toluene	10.334	92	318910	138.237	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	175215	149.807	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	213294	148.892	ug/l	98
55) 1,1,2-Trichloroethane	10.740	97	101034	141.559	ug/l	98
56) Ethyl methacrylate	10.599	69	126254	146.445	ug/l	98
57) 1,3-Dichloropropane	10.881	76	170460	143.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	251879	773.868	ug/l	98
59) 2-Hexanone	10.922	43	308331	760.561	ug/l	99
60) Dibromochloromethane	11.075	129	125271	148.233	ug/l	100
61) 1,2-Dibromoethane	11.181	107	91851	141.741	ug/l	98
64) Tetrachloroethene	10.810	164	117112	136.671	ug/l	96
65) Chlorobenzene	11.610	112	354411	140.912	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	130438	146.768	ug/l	98
67) Ethyl Benzene	11.687	91	646402	144.331	ug/l	98
68) m/p-Xylenes	11.798	106	488206	282.804	ug/l	98
69) o-Xylene	12.122	106	236499	141.353	ug/l	98
70) Styrene	12.140	104	396688	141.864	ug/l	98
71) Bromoform	12.304	173	71961	150.648	ug/l #	99
73) Isopropylbenzene	12.422	105	652085	148.106	ug/l	98
74) N-amyl acetate	12.234	43	150820	150.811	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	109521	145.142	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	83189m	134.995	ug/l	
77) Bromobenzene	12.704	156	138120	143.298	ug/l	99
78) n-propylbenzene	12.769	91	779669	147.650	ug/l	99
79) 2-Chlorotoluene	12.851	91	427170	147.198	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	524341	146.798	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	32232	152.347	ug/l	96
82) 4-Chlorotoluene	12.951	91	435349	146.453	ug/l	98
83) tert-Butylbenzene	13.169	119	466308	147.919	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	507960	147.151	ug/l	100
85) sec-Butylbenzene	13.345	105	711473	148.951	ug/l	100
86) p-Isopropyltoluene	13.463	119	582257	150.908	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	274309	142.935	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	274135	141.263	ug/l	100
89) n-Butylbenzene	13.792	91	565978	149.154	ug/l	99
90) Hexachloroethane	14.057	117	105097	156.270	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	240593	140.068	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	17677	145.673	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	167543	150.848	ug/l	99
94) Hexachlorobutadiene	15.210	225	86642	156.484	ug/l	98
95) Naphthalene	15.334	128	326777	149.835	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	146063	152.244	ug/l	100

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

