

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077278.D
 Acq On : 05 Oct 2023 16:31
 Operator : JC/SY
 Sample : VSTDICC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC050

Quant Time: Oct 06 07:40:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 07:36:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	192913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	325343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	312056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	126992	54.254	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.500%			
35) Dibromofluoromethane	7.804	113	143547	52.767	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.540%			
50) Toluene-d8	10.269	98	545525	56.449	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.900%			
62) 4-Bromofluorobenzene	12.575	95	163232	54.301	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	113346	45.587	ug/l	98
3) Chloromethane	2.146	50	181910	46.941	ug/l	100
4) Vinyl Chloride	2.281	62	216992	45.752	ug/l	100
5) Bromomethane	2.681	94	157782	47.090	ug/l	100
6) Chloroethane	2.834	64	154081	54.562	ug/l	99
7) Trichlorofluoromethane	3.169	101	234175	52.837	ug/l	98
8) Diethyl Ether	3.593	74	70163	48.765	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.963	101	144294	48.104	ug/l	98
10) Methyl Iodide	4.158	142	194815	52.714	ug/l	91
11) Tert butyl alcohol	5.052	59	37936	237.669	ug/l	98
12) 1,1-Dichloroethene	3.934	96	145158	49.580	ug/l	85
13) Acrolein	3.793	56	72472	262.409	ug/l	98
14) Allyl chloride	4.558	41	189283	49.825	ug/l	93
15) Acrylonitrile	5.252	53	169995	256.187	ug/l	99
16) Acetone	4.022	43	151938	255.317	ug/l	92
17) Carbon Disulfide	4.263	76	479703	48.604	ug/l	99
18) Methyl Acetate	4.563	43	120840	50.789	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	313328	51.578	ug/l	97
20) Methylene Chloride	4.799	84	190737	50.015	ug/l #	87
21) trans-1,2-Dichloroethene	5.310	96	172491	49.902	ug/l	94
22) Diisopropyl ether	6.216	45	425482	52.698	ug/l	95
23) Vinyl Acetate	6.152	43	875611m	265.255	ug/l	
24) 1,1-Dichloroethane	6.105	63	280452	48.802	ug/l	98
25) 2-Butanone	7.081	43	207025	254.929	ug/l	92
26) 2,2-Dichloropropane	7.075	77	233482	47.607	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	188019	50.743	ug/l	93
28) Bromochloromethane	7.422	49	85493	50.894	ug/l #	80
29) Tetrahydrofuran	7.446	42	120921	260.098	ug/l #	88
30) Chloroform	7.593	83	294672	49.330	ug/l	99
31) Cyclohexane	7.875	56	228754	48.070	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	252038	49.362	ug/l	98
36) 1,1-Dichloropropene	8.004	75	222762	49.123	ug/l	96
37) Ethyl Acetate	7.169	43	88258	48.883	ug/l	95
38) Carbon Tetrachloride	7.993	117	208356	49.648	ug/l	99
39) Methylcyclohexane	9.275	83	266744	51.377	ug/l	97
40) Benzene	8.251	78	684790	50.691	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	42012	45.395	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	162331	50.691	ug/l	97
43) Isopropyl Acetate	8.363	43	161547	50.721	ug/l	93
44) Trichloroethene	9.028	130	169961	49.152	ug/l	96
45) 1,2-Dichloropropane	9.304	63	169743	51.073	ug/l	99
46) Dibromomethane	9.393	93	92052	49.663	ug/l	92
47) Bromodichloromethane	9.587	83	216057	50.287	ug/l	95
48) Methyl methacrylate	9.381	41	75679	51.293	ug/l #	84
49) 1,4-Dioxane	9.387	88	20039	1085.999	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	435096	263.254	ug/l	91
52) Toluene	10.334	92	433342	52.321	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	208767	50.804	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	254930	51.685	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	126524	50.041	ug/l	98
56) Ethyl methacrylate	10.598	69	149086	54.071	ug/l	91
57) 1,3-Dichloropropane	10.881	76	208900	50.546	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	324343	251.813	ug/l	95
59) 2-Hexanone	10.922	43	315316	266.449	ug/l	90
60) Dibromochloromethane	11.075	129	147288	50.890	ug/l	97
61) 1,2-Dibromoethane	11.181	107	120526	51.240	ug/l	96
64) Tetrachloroethene	10.810	164	141214	49.362	ug/l	94
65) Chlorobenzene	11.604	112	435371	49.507	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	157658	50.867	ug/l	97
67) Ethyl Benzene	11.681	91	810302	51.733	ug/l	96
68) m/p-Xylenes	11.792	106	635595	104.407	ug/l	89
69) o-Xylene	12.122	106	293911	53.135	ug/l	94
70) Styrene	12.134	104	509360	53.604	ug/l	97
71) Bromoform	12.298	173	84920	49.330	ug/l #	100
73) Isopropylbenzene	12.422	105	759783	51.784	ug/l	96
74) N-amyl acetate	12.234	43	153082	50.804	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	147536	50.604	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	74403m	46.624	ug/l	
77) Bromobenzene	12.698	156	170336	49.740	ug/l	88
78) n-propylbenzene	12.763	91	952904	51.729	ug/l	95
79) 2-Chlorotoluene	12.851	91	507809	51.226	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	635660	52.422	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	46880	49.577	ug/l	97
82) 4-Chlorotoluene	12.945	91	542110	51.921	ug/l	93
83) tert-Butylbenzene	13.169	119	532332	51.500	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	637836	52.614	ug/l	97
85) sec-Butylbenzene	13.345	105	824755	52.035	ug/l	95
86) p-Isopropyltoluene	13.457	119	695372	52.814	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	359471	50.565	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	349951	49.759	ug/l	98
89) n-Butylbenzene	13.786	91	654314	51.583	ug/l	97
90) Hexachloroethane	14.051	117	129971	49.301	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	312231	51.463	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19050	50.459	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	185724	50.946	ug/l	96
94) Hexachlorobutadiene	15.204	225	94402	49.145	ug/l	98
95) Naphthalene	15.333	128	363279	51.790	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	163809	50.512	ug/l	99

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

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