

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
 Data File : VD076329.D
 Acq On : 05 Jun 2023 17:10
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060523

Quant Time: Jun 06 03:06:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	234658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	382334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	348235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	172616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101790	48.413	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.820%		
35) Dibromofluoromethane	7.804	113	118964	49.005	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.020%		
50) Toluene-d8	10.269	98	487244	50.411	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.820%		
62) 4-Bromofluorobenzene	12.575	95	130371	50.969	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	99980	43.997	ug/l	98
3) Chloromethane	2.146	50	215198	49.282	ug/l	97
4) Vinyl Chloride	2.281	62	258689	45.138	ug/l	99
5) Bromomethane	2.687	94	152677	41.061	ug/l	98
6) Chloroethane	2.828	64	170460	44.385	ug/l	97
7) Trichlorofluoromethane	3.163	101	170090	44.700	ug/l	92
8) Diethyl Ether	3.593	74	64085	51.629	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.958	101	111594	45.849	ug/l	99
10) Methyl Iodide	4.152	142	152258	44.951	ug/l	99
11) Tert butyl alcohol	5.052	59	29387	250.090	ug/l	100
12) 1,1-Dichloroethene	3.934	96	124844	48.318	ug/l	99
13) Acrolein	3.793	56	60113	235.141	ug/l	98
14) Allyl chloride	4.552	41	122602	48.292	ug/l	97
15) Acrylonitrile	5.246	53	127611	257.458	ug/l	98
16) Acetone	4.016	43	101671	264.009	ug/l	94
17) Carbon Disulfide	4.263	76	399584	46.365	ug/l	97
18) Methyl Acetate	4.557	43	81363	49.821	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	249135	52.336	ug/l	99
20) Methylene Chloride	4.799	84	165844	52.540	ug/l	90
21) trans-1,2-Dichloroethene	5.305	96	144301	48.196	ug/l	97
22) Diisopropyl ether	6.216	45	291638	51.653	ug/l	99
23) Vinyl Acetate	6.152	43	582791m	274.342	ug/l	
24) 1,1-Dichloroethane	6.104	63	218300	47.342	ug/l	97
25) 2-Butanone	7.081	43	136411	255.809	ug/l	99
26) 2,2-Dichloropropane	7.069	77	179533	47.018	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	158285	48.938	ug/l	98
28) Bromochloromethane	7.428	49	55228	48.300	ug/l	100
29) Tetrahydrofuran	7.440	42	80610	256.227	ug/l	97
30) Chloroform	7.593	83	227350	46.978	ug/l	98
31) Cyclohexane	7.869	56	155677	44.102	ug/l	96
32) 1,1,1-Trichloroethane	7.787	97	181291	47.042	ug/l	98
36) 1,1-Dichloropropene	8.004	75	169045	48.468	ug/l	99
37) Ethyl Acetate	7.163	43	55777	48.473	ug/l	95
38) Carbon Tetrachloride	7.987	117	146003	47.753	ug/l	95
39) Methylcyclohexane	9.275	83	194359	48.771	ug/l	97
40) Benzene	8.246	78	541035	49.038	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	31559	53.831	ug/l	93
42) 1,2-Dichloroethane	8.322	62	124248	48.760	ug/l	99
43) Isopropyl Acetate	8.357	43	106678	51.729	ug/l	100
44) Trichloroethene	9.028	130	151527	49.118	ug/l	99
45) 1,2-Dichloropropane	9.304	63	128587	49.659	ug/l	100
46) Dibromomethane	9.393	93	72260	49.299	ug/l	98
47) Bromodichloromethane	9.581	83	170307	49.564	ug/l	99
48) Methyl methacrylate	9.381	41	49743	53.244	ug/l	95
49) 1,4-Dioxane	9.381	88	17060	1061.936	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	285190	262.359	ug/l	99
52) Toluene	10.334	92	341498	50.332	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	162136	50.844	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	199720	50.681	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	100780	48.560	ug/l	94
56) Ethyl methacrylate	10.598	69	113181	53.470	ug/l	98
57) 1,3-Dichloropropane	10.881	76	161606	49.027	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	233791	263.060	ug/l	99
59) 2-Hexanone	10.922	43	203258	272.531	ug/l	99
60) Dibromochloromethane	11.075	129	120095	51.047	ug/l	99
61) 1,2-Dibromoethane	11.181	107	95374	50.504	ug/l	99
64) Tetrachloroethene	10.810	164	121899	48.870	ug/l	96
65) Chlorobenzene	11.604	112	368824	49.432	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	123234	49.193	ug/l	98
67) Ethyl Benzene	11.687	91	608841	50.634	ug/l	98
68) m/p-Xylenes	11.792	106	505988	101.796	ug/l	98
69) o-Xylene	12.122	106	234931	52.422	ug/l	100
70) Styrene	12.134	104	401470	52.237	ug/l	99
71) Bromoform	12.298	173	68365	50.584	ug/l #	99
73) Isopropylbenzene	12.422	105	566860	51.297	ug/l	100
74) N-amyl acetate	12.234	43	99396	52.453	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	111750	50.517	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	75364m	46.772	ug/l	
77) Bromobenzene	12.704	156	150856	51.920	ug/l	100
78) n-propylbenzene	12.763	91	699259	51.182	ug/l	100
79) 2-Chlorotoluene	12.851	91	383026	51.397	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	472176	51.817	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	34987	52.005	ug/l	98
82) 4-Chlorotoluene	12.945	91	396502	49.970	ug/l	99
83) tert-Butylbenzene	13.169	119	389179	50.932	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	475319	52.229	ug/l	100
85) sec-Butylbenzene	13.345	105	600770	51.115	ug/l	99
86) p-Isopropyltoluene	13.463	119	503290	51.661	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	295936	50.525	ug/l	100
88) 1,4-Dichlorobenzene	13.539	146	292858	49.382	ug/l	100
89) n-Butylbenzene	13.786	91	459356	50.731	ug/l	99
90) Hexachloroethane	14.051	117	94178	48.148	ug/l	100
91) 1,2-Dichlorobenzene	13.833	146	256343	50.410	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14335	49.054	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	156533	52.961	ug/l	97
94) Hexachlorobutadiene	15.204	225	73775	51.052	ug/l	100
95) Naphthalene	15.333	128	302663	49.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	141088	53.979	ug/l	99

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

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