

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079754.D
 Acq On : 30 Aug 2024 14:43
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD083024

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024

Quant Time: Aug 31 04:42:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	143330	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	274594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	252945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96845	49.555	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.120%		
35) Dibromofluoromethane	7.805	113	90687	50.809	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.620%		
50) Toluene-d8	10.269	98	399728	52.219	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.440%		
62) 4-Bromofluorobenzene	12.569	95	112879	52.702	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	105.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	80166	46.580	ug/l	99
3) Chloromethane	2.146	50	165889	46.269	ug/l	97
4) Vinyl Chloride	2.281	62	195994	45.376	ug/l	100
5) Bromomethane	2.693	94	135901	45.451	ug/l	98
6) Chloroethane	2.834	64	132600	45.282	ug/l	93
7) Trichlorofluoromethane	3.175	101	150430	46.137	ug/l	97
8) Diethyl Ether	3.593	74	46433	44.887	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.970	101	85838	47.019	ug/l	91
10) Methyl Iodide	4.158	142	95662	45.477	ug/l	92
11) Tert butyl alcohol	5.046	59	19905	206.532	ug/l	# 86
12) 1,1-Dichloroethene	3.940	96	92708	48.368	ug/l	84
13) Acrolein	3.793	56	46640	248.226	ug/l	95
14) Allyl chloride	4.558	41	141933	50.263	ug/l	# 85
15) Acrylonitrile	5.252	53	112084	240.288	ug/l	98
16) Acetone	4.022	43	113620	280.163	ug/l	93
17) Carbon Disulfide	4.270	76	329732	47.046	ug/l	100
18) Methyl Acetate	4.558	43	47231	40.629	ug/l	# 82
19) Methyl tert-butyl Ether	5.317	73	204006	48.634	ug/l	97
20) Methylene Chloride	4.793	84	114479	46.704	ug/l	# 83
21) trans-1,2-Dichloroethene	5.311	96	100340	47.168	ug/l	# 81
22) Diisopropyl ether	6.216	45	297084	49.990	ug/l	# 90
23) Vinyl Acetate	6.152	43	892799	260.937	ug/l	# 91
24) 1,1-Dichloroethane	6.105	63	182508	46.963	ug/l	95
25) 2-Butanone	7.081	43	135708	250.828	ug/l	88
26) 2,2-Dichloropropane	7.075	77	146076	48.313	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	115428	47.309	ug/l	84
28) Bromochloromethane	7.428	49	87173	50.469	ug/l	# 61
29) Tetrahydrofuran	7.446	42	80892	241.722	ug/l	# 80
30) Chloroform	7.593	83	177540	46.020	ug/l	97
31) Cyclohexane	7.875	56	156855	48.010	ug/l	86
32) 1,1,1-Trichloroethane	7.787	97	150235	46.753	ug/l	96
36) 1,1-Dichloropropene	8.005	75	133744	50.556	ug/l	95
37) Ethyl Acetate	7.169	43	58688	50.201	ug/l	96
38) Carbon Tetrachloride	7.987	117	133124	47.184	ug/l	99
39) Methylcyclohexane	9.269	83	165850	51.481	ug/l	90
40) Benzene	8.246	78	422739	47.915	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	32877	49.145	ug/l #	83
42) 1,2-Dichloroethane	8.322	62	100114	46.268	ug/l	94
43) Isopropyl Acetate	8.358	43	110139	50.499	ug/l #	90
44) Trichloroethene	9.028	130	88922	47.226	ug/l	81
45) 1,2-Dichloropropane	9.305	63	101843	47.818	ug/l	100
46) Dibromomethane	9.393	93	52980	47.025	ug/l #	85
47) Bromodichloromethane	9.581	83	129358	45.976	ug/l	95
48) Methyl methacrylate	9.381	41	52377	49.755	ug/l #	76
49) 1,4-Dioxane	9.381	88	9119	805.632	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	286834	251.776	ug/l	90
52) Toluene	10.334	92	262973	49.283	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	126259	47.601	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	152672	48.321	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	68104	46.207	ug/l	95
56) Ethyl methacrylate	10.599	69	93687	50.729	ug/l #	87
57) 1,3-Dichloropropane	10.875	76	123880	46.624	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	218448	265.841	ug/l #	87
59) 2-Hexanone	10.916	43	207801	237.234	ug/l	93
60) Dibromochloromethane	11.069	129	82355	45.426	ug/l	99
61) 1,2-Dibromoethane	11.175	107	60844	47.104	ug/l	98
64) Tetrachloroethene	10.804	164	71085	47.842	ug/l	90
65) Chlorobenzene	11.604	112	264407	47.111	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	85030	46.122	ug/l	98
67) Ethyl Benzene	11.681	91	494863	50.018	ug/l	96
68) m/p-Xylenes	11.793	106	381487	100.446	ug/l	92
69) o-Xylene	12.116	106	173883	49.123	ug/l	88
70) Styrene	12.134	104	309302	50.061	ug/l	96
71) Bromoform	12.299	173	42896	46.397	ug/l #	100
73) Isopropylbenzene	12.416	105	451874	52.105	ug/l	98
74) N-amyl acetate	12.228	43	111999	54.337	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.669	83	79012	47.463	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	50442m	48.434	ug/l	
77) Bromobenzene	12.698	156	91847	47.586	ug/l	77
78) n-propylbenzene	12.757	91	566604	52.872	ug/l	96
79) 2-Chlorotoluene	12.846	91	302876	50.733	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	377589	52.372	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	30902	49.490	ug/l	95
82) 4-Chlorotoluene	12.946	91	324410	52.172	ug/l	94
83) tert-Butylbenzene	13.163	119	313879	52.389	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	384380	51.681	ug/l	97
85) sec-Butylbenzene	13.340	105	499250	54.502	ug/l	96
86) p-Isopropyltoluene	13.457	119	421672	48.266	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	201918	48.730	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	195224	47.122	ug/l	95
89) n-Butylbenzene	13.787	91	402454	54.841	ug/l	96
90) Hexachloroethane	14.051	117	74194	47.900	ug/l	88
91) 1,2-Dichlorobenzene	13.828	146	169144	47.668	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10872	44.731	ug/l	76
93) 1,2,4-Trichlorobenzene	15.098	180	99401	51.002	ug/l	98
94) Hexachlorobutadiene	15.204	225	48585	51.840	ug/l	99
95) Naphthalene	15.328	128	206561	52.228	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	86555	50.825	ug/l	98

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

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