

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013124\
 Data File : VD078289.D
 Acq On : 31 Jan 2024 13:08
 Operator : RP/MD
 Sample : VD0131SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024

Quant Time: Feb 01 02:58:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	112754	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	201381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	184577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	86874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65516	46.937	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.880%		
35) Dibromofluoromethane	7.810	113	63930	44.591	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.180%		
50) Toluene-d8	10.269	98	247602	45.616	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.240%		
62) 4-Bromofluorobenzene	12.575	95	75073	46.184	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	30732	23.831	ug/l	95
3) Chloromethane	2.152	50	51541	21.974	ug/l	99
4) Vinyl Chloride	2.287	62	67223	21.727	ug/l	97
5) Bromomethane	2.681	94	40198	21.461	ug/l	97
6) Chloroethane	2.828	64	44336	20.746	ug/l	99
7) Trichlorofluoromethane	3.175	101	55666	21.251	ug/l	88
8) Diethyl Ether	3.599	74	16269	20.995	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.963	101	34059	21.186	ug/l	93
10) Methyl Iodide	4.158	142	29346	20.068	ug/l	# 88
11) Tert butyl alcohol	5.057	59	9999	112.306	ug/l	# 87
12) 1,1-Dichloroethene	3.946	96	31001	19.986	ug/l	91
13) Acrolein	3.799	56	12948	119.670	ug/l	94
14) Allyl chloride	4.563	41	42772	20.914	ug/l	88
15) Acrylonitrile	5.263	53	37404	109.205	ug/l	98
16) Acetone	4.028	43	41006	117.524	ug/l	88
17) Carbon Disulfide	4.275	76	108643	20.747	ug/l	99
18) Methyl Acetate	4.575	43	14502	19.493	ug/l	92
19) Methyl tert-butyl Ether	5.328	73	68269	21.162	ug/l	96
20) Methylene Chloride	4.805	84	41054	22.730	ug/l	# 85
21) trans-1,2-Dichloroethene	5.316	96	36174	20.625	ug/l	91
22) Diisopropyl ether	6.228	45	95013	21.834	ug/l	# 94
23) Vinyl Acetate	6.157	43	292922	110.329	ug/l	# 90
24) 1,1-Dichloroethane	6.110	63	63887	21.207	ug/l	95
25) 2-Butanone	7.087	43	52790	113.499	ug/l	87
26) 2,2-Dichloropropane	7.075	77	52273	21.242	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	39545	20.344	ug/l	89
28) Bromochloromethane	7.422	49	21656	20.154	ug/l	# 74
29) Tetrahydrofuran	7.451	42	26634	107.041	ug/l	88
30) Chloroform	7.598	83	63745	20.695	ug/l	92
31) Cyclohexane	7.881	56	52676	20.150	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	56199	21.170	ug/l	99
36) 1,1-Dichloropropene	8.010	75	51190	21.532	ug/l	93
37) Ethyl Acetate	7.169	43	20987	22.936	ug/l	97
38) Carbon Tetrachloride	7.993	117	49449	21.154	ug/l	94
39) Methylcyclohexane	9.275	83	58131	20.681	ug/l	93
40) Benzene	8.251	78	146402	21.105	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	9685	19.688	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	37693	20.950	ug/l	95
43) Isopropyl Acetate	8.363	43	37130	22.632	ug/l #	89
44) Trichloroethene	9.028	130	34742	20.396	ug/l	83
45) 1,2-Dichloropropane	9.310	63	36059	21.261	ug/l	92
46) Dibromomethane	9.398	93	20313	21.586	ug/l #	87
47) Bromodichloromethane	9.587	83	48655	21.015	ug/l #	90
48) Methyl methacrylate	9.381	41	17037	21.732	ug/l #	80
49) 1,4-Dioxane	9.387	88	4450	421.557	ug/l #	85
51) 4-Methyl-2-Pentanone	10.163	43	100410	113.136	ug/l	89
52) Toluene	10.334	92	89824	21.348	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	44918	20.771	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	52839	20.639	ug/l #	89
55) 1,1,2-Trichloroethane	10.728	97	27314	22.243	ug/l	87
56) Ethyl methacrylate	10.598	69	30667	22.017	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	46637	22.026	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.875	63	63366	100.038	ug/l	97
59) 2-Hexanone	10.922	43	77448	115.868	ug/l	87
60) Dibromochloromethane	11.075	129	31116	21.828	ug/l	97
61) 1,2-Dibromoethane	11.181	107	25546	22.034	ug/l	97
64) Tetrachloroethene	10.810	164	27555	21.404	ug/l #	81
65) Chlorobenzene	11.604	112	92143	20.866	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	32904	20.928	ug/l	97
67) Ethyl Benzene	11.687	91	162580	20.325	ug/l	96
68) m/p-Xylenes	11.792	106	126788	41.200	ug/l	89
69) o-Xylene	12.122	106	58890	20.823	ug/l	92
70) Styrene	12.134	104	101109	20.935	ug/l	95
71) Bromoform	12.298	173	17966	23.202	ug/l #	94
73) Isopropylbenzene	12.422	105	153227	20.846	ug/l	96
74) N-amyl acetate	12.234	43	34769	22.871	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	31491	22.185	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	17686m	19.478	ug/l	
77) Bromobenzene	12.698	156	33351	20.619	ug/l	83
78) n-propylbenzene	12.763	91	194846	21.280	ug/l	94
79) 2-Chlorotoluene	12.851	91	104835	21.389	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	127821	21.376	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	10178	22.293	ug/l	98
82) 4-Chlorotoluene	12.945	91	113643	21.748	ug/l	92
83) tert-Butylbenzene	13.163	119	107538	21.077	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	125566	20.755	ug/l	96
85) sec-Butylbenzene	13.345	105	167939	20.972	ug/l	94
86) p-Isopropyltoluene	13.463	119	136017	20.738	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	68436	20.366	ug/l	93
88) 1,4-Dichlorobenzene	13.539	146	71937	21.637	ug/l	98
89) n-Butylbenzene	13.786	91	134869	21.102	ug/l	96
90) Hexachloroethane	14.051	117	28240	21.557	ug/l	82
91) 1,2-Dichlorobenzene	13.833	146	60915	21.189	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4636	23.299	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	34511	20.754	ug/l	97
94) Hexachlorobutadiene	15.204	225	16298	20.002	ug/l	96
95) Naphthalene	15.333	128	70646	21.308	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.522	180	31184	21.299	ug/l	99

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

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