

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013124\
 Data File : VD078288.D
 Acq On : 31 Jan 2024 12:41
 Operator : RP/MD
 Sample : VD0131SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS01

Quant Time: Feb 01 02:57:51 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	109282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	199468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	180860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71548	52.887	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.780%			
35) Dibromofluoromethane	7.804	113	74307	52.326	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.660%			
50) Toluene-d8	10.269	98	286397	53.269	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.540%			
62) 4-Bromofluorobenzene	12.575	95	83465	51.839	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	29080	23.161	ug/l	97
3) Chloromethane	2.152	50	49193	21.639	ug/l	100
4) Vinyl Chloride	2.281	62	63641	21.223	ug/l	100
5) Bromomethane	2.681	94	36621	20.172	ug/l	96
6) Chloroethane	2.834	64	42751	20.640	ug/l	98
7) Trichlorofluoromethane	3.175	101	54106	21.312	ug/l	99
8) Diethyl Ether	3.593	74	15548	20.702	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.975	101	31695	20.342	ug/l	92
10) Methyl Iodide	4.164	142	27472	19.383	ug/l #	89
11) Tert butyl alcohol	5.063	59	8587	99.511	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	30887	20.545	ug/l	84
13) Acrolein	3.805	56	11499	109.087	ug/l	94
14) Allyl chloride	4.569	41	39642	19.999	ug/l	88
15) Acrylonitrile	5.258	53	35162	105.920	ug/l	96
16) Acetone	4.028	43	38763	114.240	ug/l #	78
17) Carbon Disulfide	4.269	76	103211	20.336	ug/l #	95
18) Methyl Acetate	4.569	43	13688	18.983	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	63701	20.374	ug/l	93
20) Methylene Chloride	4.811	84	39647	22.638	ug/l	89
21) trans-1,2-Dichloroethene	5.311	96	33798	19.883	ug/l	89
22) Diisopropyl ether	6.216	45	89711	21.270	ug/l #	82
23) Vinyl Acetate	6.157	43	277141	107.702	ug/l	93
24) 1,1-Dichloroethane	6.110	63	60318	20.658	ug/l	98
25) 2-Butanone	7.087	43	49645	110.129	ug/l #	80
26) 2,2-Dichloropropane	7.081	77	49611	20.800	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	38329	20.345	ug/l	90
28) Bromochloromethane	7.422	49	21174	20.332	ug/l #	73
29) Tetrahydrofuran	7.452	42	25984	107.747	ug/l #	84
30) Chloroform	7.599	83	63428	21.246	ug/l	89
31) Cyclohexane	7.881	56	51111	20.173	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	53739	20.887	ug/l	97
36) 1,1-Dichloropropene	8.010	75	48155	20.449	ug/l	95
37) Ethyl Acetate	7.169	43	20546	22.669	ug/l #	93
38) Carbon Tetrachloride	7.999	117	47855	20.668	ug/l	89
39) Methylcyclohexane	9.275	83	55815	20.047	ug/l	92
40) Benzene	8.252	78	138878	20.212	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	9845	20.205	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	36147	20.284	ug/l	95
43) Isopropyl Acetate	8.369	43	33593	20.672	ug/l	94
44) Trichloroethene	9.028	130	34385	20.380	ug/l	90
45) 1,2-Dichloropropane	9.304	63	33706	20.064	ug/l	99
46) Dibromomethane	9.393	93	19047	20.435	ug/l #	86
47) Bromodichloromethane	9.581	83	47634	20.771	ug/l	97
48) Methyl methacrylate	9.381	41	16050	20.669	ug/l #	76
49) 1,4-Dioxane	9.387	88	4084	390.595	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	91806	104.434	ug/l	87
52) Toluene	10.334	92	85902	20.612	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	43361	20.243	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	52666	20.768	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	25920	21.310	ug/l	94
56) Ethyl methacrylate	10.593	69	27730	20.099	ug/l #	79
57) 1,3-Dichloropropane	10.881	76	42868	20.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	63407	101.062	ug/l	93
59) 2-Hexanone	10.922	43	72104	108.908	ug/l	85
60) Dibromochloromethane	11.075	129	28944	20.499	ug/l	93
61) 1,2-Dibromoethane	11.181	107	24474	21.312	ug/l	96
64) Tetrachloroethene	10.810	164	26758	21.212	ug/l	90
65) Chlorobenzene	11.604	112	86995	20.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	31339	20.343	ug/l	98
67) Ethyl Benzene	11.681	91	160021	20.417	ug/l	93
68) m/p-Xylenes	11.793	106	121329	40.236	ug/l	91
69) o-Xylene	12.122	106	56342	20.332	ug/l	93
70) Styrene	12.134	104	97981	20.704	ug/l	96
71) Bromoform	12.298	173	16588	21.862	ug/l #	96
73) Isopropylbenzene	12.422	105	145614	19.604	ug/l	95
74) N-amyl acetate	12.234	43	32449	21.123	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	28234	19.684	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	20057m	21.859	ug/l	
77) Bromobenzene	12.698	156	32250	19.731	ug/l	81
78) n-propylbenzene	12.763	91	191222	20.667	ug/l	92
79) 2-Chlorotoluene	12.845	91	101275	20.447	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	121388	20.089	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	8940	19.378	ug/l	91
82) 4-Chlorotoluene	12.945	91	105936	20.062	ug/l	93
83) tert-Butylbenzene	13.169	119	102703	19.919	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	123710	20.236	ug/l	94
85) sec-Butylbenzene	13.345	105	160263	19.805	ug/l	95
86) p-Isopropyltoluene	13.463	119	128510	19.390	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	67219	19.795	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	67423	20.068	ug/l	96
89) n-Butylbenzene	13.787	91	126780	19.630	ug/l	96
90) Hexachloroethane	14.051	117	26993	20.390	ug/l	80
91) 1,2-Dichlorobenzene	13.828	146	59806	20.587	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4004	19.913	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	34569	20.573	ug/l	99
94) Hexachlorobutadiene	15.204	225	16120	19.578	ug/l	98
95) Naphthalene	15.328	128	69757	20.821	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	30374	20.530	ug/l	96

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

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