

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078371.D
 Acq On : 08 Feb 2024 16:05
 Operator : RP/MD
 Sample : VD0208SBS02
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0208SBS02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/09/2024
 Supervised By :Mahesh Dadoda 02/09/2024

Quant Time: Feb 09 03:10:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	114617	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	211067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50634	35.686	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	71.380%		
35) Dibromofluoromethane	7.810	113	52385	34.862	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	69.720%		
50) Toluene-d8	10.269	98	189471	33.304	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	66.600%		
62) 4-Bromofluorobenzene	12.569	95	58126	34.117	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	68.240%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	22387	15.824	ug/l	95
3) Chloromethane	2.146	50	41061	17.222	ug/l	98
4) Vinyl Chloride	2.281	62	52848	16.803	ug/l	98
5) Bromomethane	2.675	94	29078	15.272	ug/l	99
6) Chloroethane	2.828	64	36953	17.011	ug/l	98
7) Trichlorofluoromethane	3.158	101	43832	16.461	ug/l	86
8) Diethyl Ether	3.587	74	13470	17.100	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.952	101	26571	16.260	ug/l	97
10) Methyl Iodide	4.158	142	19548	13.150	ug/l #	83
11) Tert butyl alcohol	5.069	59	10233	113.066	ug/l	98
12) 1,1-Dichloroethene	3.934	96	23937	15.181	ug/l #	75
13) Acrolein	3.787	56	8160	71.616	ug/l	95
14) Allyl chloride	4.558	41	32970	15.859	ug/l	86
15) Acrylonitrile	5.252	53	29362	84.332	ug/l	96
16) Acetone	4.022	43	35957	99.230	ug/l #	80
17) Carbon Disulfide	4.269	76	67650	12.709	ug/l #	95
18) Methyl Acetate	4.564	43	12269	16.223	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	56220	17.144	ug/l	98
20) Methylene Chloride	4.799	84	34481	18.258	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	27421	15.381	ug/l	91
22) Diisopropyl ether	6.222	45	78350	17.712	ug/l	94
23) Vinyl Acetate	6.158	43	234675	86.954	ug/l #	87
24) 1,1-Dichloroethane	6.105	63	51329	16.761	ug/l	91
25) 2-Butanone	7.087	43	44685	94.512	ug/l	88
26) 2,2-Dichloropropane	7.069	77	42597	17.028	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	32697	16.548	ug/l	93
28) Bromochloromethane	7.422	49	16696	15.286	ug/l	81
29) Tetrahydrofuran	7.440	42	22331	88.289	ug/l #	82
30) Chloroform	7.599	83	55913	17.857	ug/l	99
31) Cyclohexane	7.875	56	38246	14.393	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	44910	16.643	ug/l	99
36) 1,1-Dichloropropene	8.005	75	39202	15.733	ug/l	94
37) Ethyl Acetate	7.169	43	17086	17.816	ug/l #	92
38) Carbon Tetrachloride	7.987	117	40277	16.439	ug/l	88
39) Methylcyclohexane	9.269	83	40993	13.915	ug/l #	90
40) Benzene	8.252	78	119450	16.429	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9958m	19.314	ug/l	
42) 1,2-Dichloroethane	8.328	62	33122	17.565	ug/l	94
43) Isopropyl Acetate	8.357	43	30870	17.953	ug/l #	78
44) Trichloroethene	9.022	130	29090	16.294	ug/l	88
45) 1,2-Dichloropropane	9.304	63	29459	16.572	ug/l	91
46) Dibromomethane	9.393	93	16698	16.930	ug/l #	87
47) Bromodichloromethane	9.587	83	42022	17.317	ug/l #	99
48) Methyl methacrylate	9.375	41	14514	17.664	ug/l #	76
49) 1,4-Dioxane	9.387	88	4089	369.582	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	85076	91.460	ug/l	87
52) Toluene	10.334	92	73793	16.733	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	37425	16.512	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	44633	16.633	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	23392	18.175	ug/l	94
56) Ethyl methacrylate	10.599	69	24637	16.876	ug/l #	83
57) 1,3-Dichloropropane	10.875	76	38072	17.155	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	46105	69.447	ug/l	94
59) 2-Hexanone	10.922	43	66067	94.305	ug/l	87
60) Dibromochloromethane	11.069	129	28055	18.778	ug/l	96
61) 1,2-Dibromoethane	11.175	107	21192	17.440	ug/l	100
64) Tetrachloroethene	10.810	164	21493	15.894	ug/l	88
65) Chlorobenzene	11.604	112	79118	17.056	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	28739	17.401	ug/l	94
67) Ethyl Benzene	11.681	91	134101	15.960	ug/l	97
68) m/p-Xylenes	11.793	106	104679	32.382	ug/l	89
69) o-Xylene	12.116	106	49403	16.630	ug/l	93
70) Styrene	12.134	104	86231	16.997	ug/l	95
71) Bromoform	12.293	173	15608	19.188	ug/l #	96
73) Isopropylbenzene	12.422	105	127804	16.285	ug/l	94
74) N-amyl acetate	12.234	43	28466	17.538	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	29193	19.263	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	19368m	19.978	ug/l	
77) Bromobenzene	12.698	156	29214	16.916	ug/l	84
78) n-propylbenzene	12.757	91	167027	17.086	ug/l	94
79) 2-Chlorotoluene	12.845	91	89392	17.082	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	109309	17.121	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	8817	18.088	ug/l	90
82) 4-Chlorotoluene	12.945	91	94507	16.940	ug/l	92
83) tert-Butylbenzene	13.163	119	89550	16.438	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	108408	16.783	ug/l	96
85) sec-Butylbenzene	13.340	105	141900	16.597	ug/l	96
86) p-Isopropyltoluene	13.457	119	116227	16.597	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	63049	17.573	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	62077	17.488	ug/l	93
89) n-Butylbenzene	13.787	91	116037	17.005	ug/l	97
90) Hexachloroethane	14.051	117	25260	18.060	ug/l	81
91) 1,2-Dichlorobenzene	13.828	146	55720	18.154	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	3628	17.077	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	31074	17.503	ug/l	98
94) Hexachlorobutadiene	15.198	225	15398	17.700	ug/l	92
95) Naphthalene	15.328	128	60205	17.008	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	28297	18.102	ug/l	99

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Instrument :
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ClientSampleId :
VD0208SBSD02

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

