

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079360.D
 Acq On : 09 Jul 2024 14:20
 Operator : RP/MD
 Sample : VD0709SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0709SBS01

Quant Time: Jul 09 16:54:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/10/2024
 Supervised By :Semsettin Yesilyurt 07/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	171017	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	314442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	303012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	149506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	103963	51.586	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.180%			
35) Dibromofluoromethane	7.805	113	109962	49.570	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.140%			
50) Toluene-d8	10.263	98	426549	49.882	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.760%			
62) 4-Bromofluorobenzene	12.569	95	134509	50.609	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	32562	20.536	ug/l	93
3) Chloromethane	2.146	50	41837	19.706	ug/l	96
4) Vinyl Chloride	2.276	62	35761	16.389	ug/l	93
5) Bromomethane	2.664	94	31415	21.158	ug/l	100
6) Chloroethane	2.823	64	24060	20.579	ug/l	98
7) Trichlorofluoromethane	3.158	101	66086	20.728	ug/l	91
8) Diethyl Ether	3.593	74	20897	20.517	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.952	101	42832	21.418	ug/l	96
10) Methyl Iodide	4.152	142	38840	17.608	ug/l	94
11) Tert butyl alcohol	5.052	59	12699	98.712	ug/l	# 94
12) 1,1-Dichloroethene	3.928	96	37977	19.122	ug/l	93
13) Acrolein	3.793	56	15911	99.761	ug/l	92
14) Allyl chloride	4.552	41	47485	18.763	ug/l	89
15) Acrylonitrile	5.252	53	47098	100.390	ug/l	98
16) Acetone	4.022	43	37473	97.764	ug/l	97
17) Carbon Disulfide	4.264	76	125210	19.956	ug/l	98
18) Methyl Acetate	4.558	43	23888	19.918	ug/l	90
19) Methyl tert-butyl Ether	5.317	73	87454	19.814	ug/l	95
20) Methylene Chloride	4.787	84	99677	29.343	ug/l	99
21) trans-1,2-Dichloroethene	5.299	96	45257	20.513	ug/l	85
22) Diisopropyl ether	6.216	45	113399	20.009	ug/l	96
23) Vinyl Acetate	6.152	43	433729	100.004	ug/l	96
24) 1,1-Dichloroethane	6.105	63	77223	20.209	ug/l	94
25) 2-Butanone	7.075	43	53758	98.739	ug/l	98
26) 2,2-Dichloropropane	7.069	77	63500	19.841	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	51441	19.973	ug/l	93
28) Bromochloromethane	7.422	49	30821	19.135	ug/l	81
29) Tetrahydrofuran	7.446	42	34104	102.770	ug/l	88
30) Chloroform	7.593	83	84601	21.089	ug/l	99
31) Cyclohexane	7.875	56	58537	19.207	ug/l	94
32) 1,1,1-Trichloroethane	7.787	97	70054	20.890	ug/l	99
36) 1,1-Dichloropropene	8.005	75	54787	19.441	ug/l	96
37) Ethyl Acetate	7.163	43	25034	20.513	ug/l	97
38) Carbon Tetrachloride	7.993	117	61210	20.635	ug/l	96
39) Methylcyclohexane	9.269	83	62798	19.111	ug/l	89
40) Benzene	8.246	78	183691	20.360	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	14395	22.110	ug/l #	76
42) 1,2-Dichloroethane	8.322	62	45034	20.647	ug/l	96
43) Isopropyl Acetate	8.363	43	45163	20.251	ug/l	96
44) Trichloroethene	9.022	130	42173	19.609	ug/l	76
45) 1,2-Dichloropropane	9.305	63	44504	20.208	ug/l	99
46) Dibromomethane	9.393	93	26976	20.890	ug/l	92
47) Bromodichloromethane	9.581	83	65372	20.705	ug/l	98
48) Methyl methacrylate	9.381	41	20030	19.827	ug/l	88
49) 1,4-Dioxane	9.381	88	5759	393.810	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	122215	102.347	ug/l	98
52) Toluene	10.328	92	114077	20.539	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	57138	19.977	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	68415	20.024	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	36443	21.023	ug/l	91
56) Ethyl methacrylate	10.593	69	41406	19.726	ug/l	98
57) 1,3-Dichloropropane	10.875	76	57206	20.113	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	92984	96.461	ug/l	94
59) 2-Hexanone	10.922	43	89116	104.451	ug/l	95
60) Dibromochloromethane	11.069	129	47807	21.485	ug/l	99
61) 1,2-Dibromoethane	11.175	107	34534	21.128	ug/l	97
64) Tetrachloroethene	10.804	164	37521	21.123	ug/l	94
65) Chlorobenzene	11.604	112	125975	19.807	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	43522	20.282	ug/l	98
67) Ethyl Benzene	11.681	91	205765	19.379	ug/l	98
68) m/p-Xylenes	11.793	106	164617	40.151	ug/l	91
69) o-Xylene	12.116	106	72849	18.989	ug/l	86
70) Styrene	12.134	104	132544	19.361	ug/l	96
71) Bromoform	12.293	173	26586	21.385	ug/l #	98
73) Isopropylbenzene	12.416	105	189804	19.020	ug/l	97
74) N-amyl acetate	12.234	43	44382	19.790	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	45294	21.484	ug/l	93
76) 1,2,3-Trichloropropane	12.722	75	26809m	18.663	ug/l	
77) Bromobenzene	12.698	156	47345	20.051	ug/l	83
78) n-propylbenzene	12.757	91	244983	19.696	ug/l	95
79) 2-Chlorotoluene	12.846	91	138860	19.466	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	163714	19.355	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	15151	19.887	ug/l	98
82) 4-Chlorotoluene	12.946	91	150487	19.823	ug/l	94
83) tert-Butylbenzene	13.163	119	131518	18.620	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	167711	19.547	ug/l	94
85) sec-Butylbenzene	13.340	105	213328	19.705	ug/l	96
86) p-Isopropyltoluene	13.457	119	172111	19.197	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	96771	19.434	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	98594	19.672	ug/l	94
89) n-Butylbenzene	13.781	91	166347	19.086	ug/l	97
90) Hexachloroethane	14.051	117	38688	19.533	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	86368	19.553	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.440	75	6297	21.265	ug/l	86
93) 1,2,4-Trichlorobenzene	15.092	180	44906	18.091	ug/l	97
94) Hexachlorobutadiene	15.204	225	26232	19.926	ug/l	94
95) Naphthalene	15.328	128	91138	18.469	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	40972	18.478	ug/l	96

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

