

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079355.D
 Acq On : 08 Jul 2024 21:47
 Operator : RP/MD
 Sample : VD0708SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/09/2024
 Supervised By :Semsettin Yesilyurt 07/09/2024

Quant Time: Jul 09 05:00:18 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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	144749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	273460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	266709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94217	55.234	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.460%			
35) Dibromofluoromethane	7.804	113	103313	53.552	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.100%			
50) Toluene-d8	10.269	98	397274	53.421	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.840%			
62) 4-Bromofluorobenzene	12.569	95	122394	52.952	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	26194	19.518	ug/l	93
3) Chloromethane	2.146	50	38162	21.237	ug/l	96
4) Vinyl Chloride	2.275	62	32164	17.416	ug/l	90
5) Bromomethane	2.669	94	30382	24.536	ug/l	95
6) Chloroethane	2.828	64	20022	20.233	ug/l	93
7) Trichlorofluoromethane	3.164	101	54699	20.270	ug/l	95
8) Diethyl Ether	3.593	74	18009	20.890	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.958	101	33912	20.035	ug/l	96
10) Methyl Iodide	4.152	142	36800	19.710	ug/l	97
11) Tert butyl alcohol	5.063	59	10786	99.057	ug/l #	89
12) 1,1-Dichloroethene	3.928	96	33496	19.926	ug/l	87
13) Acrolein	3.793	56	14423	106.842	ug/l	89
14) Allyl chloride	4.558	41	42254	19.726	ug/l	88
15) Acrylonitrile	5.252	53	43029	108.361	ug/l	95
16) Acetone	4.022	43	29628	91.325	ug/l	97
17) Carbon Disulfide	4.263	76	110741	20.853	ug/l #	92
18) Methyl Acetate	4.558	43	29013	28.581	ug/l #	86
19) Methyl tert-butyl Ether	5.310	73	77867	20.843	ug/l	96
20) Methylene Chloride	4.793	84	65707	20.586	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	39161	20.972	ug/l	95
22) Diisopropyl ether	6.216	45	104439	21.772	ug/l	94
23) Vinyl Acetate	6.152	43	353654	96.339	ug/l	94
24) 1,1-Dichloroethane	6.105	63	69877	21.605	ug/l	99
25) 2-Butanone	7.081	43	47024	102.044	ug/l	99
26) 2,2-Dichloropropane	7.069	77	54245	20.025	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	45353	20.804	ug/l	89
28) Bromochloromethane	7.422	49	28931	21.221	ug/l	82
29) Tetrahydrofuran	7.446	42	29318	104.380	ug/l	86
30) Chloroform	7.593	83	76248	22.456	ug/l	100
31) Cyclohexane	7.875	56	47604	18.454	ug/l #	82
32) 1,1,1-Trichloroethane	7.787	97	60711	21.389	ug/l	99
36) 1,1-Dichloropropene	8.004	75	47035	19.192	ug/l	96
37) Ethyl Acetate	7.169	43	20932	19.723	ug/l	98
38) Carbon Tetrachloride	7.987	117	52673	20.418	ug/l	89
39) Methylcyclohexane	9.275	83	48898	17.111	ug/l	93
40) Benzene	8.251	78	165518	21.096	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11120	19.983	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	42315	22.308	ug/l	96
43) Isopropyl Acetate	8.363	43	39348	20.288	ug/l	96
44) Trichloroethene	9.028	130	39477	21.106	ug/l	96
45) 1,2-Dichloropropane	9.298	63	41302	21.564	ug/l	95
46) Dibromomethane	9.393	93	24647	21.947	ug/l	94
47) Bromodichloromethane	9.581	83	58936	21.464	ug/l	97
48) Methyl methacrylate	9.375	41	17056	19.465	ug/l	95
49) 1,4-Dioxane	9.381	88	5188	407.931	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	108255	104.242	ug/l	96
52) Toluene	10.334	92	104171	21.566	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	49938	20.076	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	61474	20.689	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	33774	22.403	ug/l	94
56) Ethyl methacrylate	10.593	69	34661	19.107	ug/l	99
57) 1,3-Dichloropropane	10.875	76	53242	21.524	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	80597	96.173	ug/l	92
59) 2-Hexanone	10.922	43	71806	96.775	ug/l	99
60) Dibromochloromethane	11.069	129	41937	21.671	ug/l	95
61) 1,2-Dibromoethane	11.175	107	30444	21.417	ug/l	95
64) Tetrachloroethene	10.804	164	32365	20.701	ug/l	95
65) Chlorobenzene	11.604	112	115425	20.618	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.675	131	41144	21.784	ug/l	97
67) Ethyl Benzene	11.681	91	181258	19.395	ug/l	99
68) m/p-Xylenes	11.787	106	144008	39.905	ug/l	89
69) o-Xylene	12.116	106	64382	19.066	ug/l	86
70) Styrene	12.134	104	121092	20.096	ug/l	96
71) Bromoform	12.298	173	23619	21.584	ug/l #	98
73) Isopropylbenzene	12.416	105	163567	18.599	ug/l	99
74) N-amyl acetate	12.234	43	37332	18.890	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	39293	21.148	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	28285m	22.344	ug/l	
77) Bromobenzene	12.698	156	44316	21.297	ug/l	84
78) n-propylbenzene	12.757	91	207786	18.957	ug/l	94
79) 2-Chlorotoluene	12.845	91	125666	19.990	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	146497	19.653	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.463	75	12678	18.883	ug/l	99
82) 4-Chlorotoluene	12.945	91	134060	20.039	ug/l	93
83) tert-Butylbenzene	13.163	119	115125	18.495	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	144337	19.089	ug/l	97
85) sec-Butylbenzene	13.339	105	180395	18.908	ug/l	96
86) p-Isopropyltoluene	13.457	119	145291	18.389	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	86755	19.770	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	87089	19.718	ug/l	92
89) n-Butylbenzene	13.786	91	135926	17.697	ug/l	96
90) Hexachloroethane	14.051	117	34673	19.864	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	78341	20.125	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	5638	21.604	ug/l	84
93) 1,2,4-Trichlorobenzene	15.092	180	38992	17.825	ug/l	96
94) Hexachlorobutadiene	15.198	225	20579	17.738	ug/l	95
95) Naphthalene	15.328	128	79153	18.201	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	34824	17.822	ug/l	98

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

