

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079370.D
 Acq On : 09 Jul 2024 19:18
 Operator : RP/MD
 Sample : VD0709SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0709SBS02

Quant Time: Jul 10 03:07:57 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	212915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	384856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	366388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	173243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	126079	50.249	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.500%			
35) Dibromofluoromethane	7.804	113	140090	51.597	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.200%			
50) Toluene-d8	10.269	98	532518	50.880	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.569	95	162493	49.952	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	40561	20.547	ug/l	99
3) Chloromethane	2.146	50	52610	19.904	ug/l	94
4) Vinyl Chloride	2.275	62	41115	15.135	ug/l	92
5) Bromomethane	2.663	94	45517	25.037	ug/l	99
6) Chloroethane	2.822	64	39676	27.258	ug/l	98
7) Trichlorofluoromethane	3.163	101	82802	20.860	ug/l	97
8) Diethyl Ether	3.593	74	26847	21.172	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.957	101	54176	21.759	ug/l	99
10) Methyl Iodide	4.151	142	64043	23.320	ug/l	99
11) Tert butyl alcohol	5.057	59	17020	106.265	ug/l #	86
12) 1,1-Dichloroethene	3.928	96	48871	19.765	ug/l	100
13) Acrolein	3.793	56	19816	99.796	ug/l	99
14) Allyl chloride	4.557	41	61092	19.389	ug/l	88
15) Acrylonitrile	5.246	53	59015	101.038	ug/l	98
16) Acetone	4.016	43	41422	86.801	ug/l	96
17) Carbon Disulfide	4.251	76	149892	19.188	ug/l	99
18) Methyl Acetate	4.557	43	29728	19.909	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	112135	20.406	ug/l	98
20) Methylene Chloride	4.793	84	87681	17.747	ug/l	97
21) trans-1,2-Dichloroethene	5.304	96	54799	19.951	ug/l #	82
22) Diisopropyl ether	6.216	45	146354	20.742	ug/l	97
23) Vinyl Acetate	6.151	43	547239	101.346	ug/l	94
24) 1,1-Dichloroethane	6.104	63	98799	20.767	ug/l	95
25) 2-Butanone	7.087	43	64857	95.683	ug/l	96
26) 2,2-Dichloropropane	7.069	77	73460	18.437	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	65271	20.355	ug/l	88
28) Bromochloromethane	7.422	49	40449	20.171	ug/l	81
29) Tetrahydrofuran	7.445	42	41032	99.315	ug/l	87
30) Chloroform	7.592	83	109073	21.839	ug/l	94
31) Cyclohexane	7.875	56	72900	19.213	ug/l	86
32) 1,1,1-Trichloroethane	7.792	97	84858	20.325	ug/l	99
36) 1,1-Dichloropropene	8.004	75	70590	20.466	ug/l	96
37) Ethyl Acetate	7.169	43	29777	19.936	ug/l #	92
38) Carbon Tetrachloride	7.987	117	74387	20.489	ug/l	98
39) Methylcyclohexane	9.269	83	75521	18.777	ug/l	88
40) Benzene	8.251	78	225482	20.420	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	13897	18.089	ug/l	94
42) 1,2-Dichloroethane	8.322	62	56328	21.100	ug/l	97
43) Isopropyl Acetate	8.363	43	55645	20.386	ug/l #	82
44) Trichloroethene	9.028	130	54963	20.880	ug/l	100
45) 1,2-Dichloropropane	9.304	63	53989	20.029	ug/l	96
46) Dibromomethane	9.392	93	32862	20.792	ug/l	94
47) Bromodichloromethane	9.586	83	78148	20.223	ug/l	98
48) Methyl methacrylate	9.381	41	23884	19.380	ug/l	90
49) 1,4-Dioxane	9.386	88	7417	414.391	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	148843	101.840	ug/l	98
52) Toluene	10.334	92	144063	21.192	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	67248	19.210	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	81029	19.377	ug/l	98
55) 1,1,2-Trichloroethane	10.733	97	45322	21.361	ug/l	95
56) Ethyl methacrylate	10.598	69	48665	19.069	ug/l	94
57) 1,3-Dichloropropane	10.875	76	72380	20.792	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	114271	96.817	ug/l	93
59) 2-Hexanone	10.922	43	101173	96.887	ug/l	99
60) Dibromochloromethane	11.069	129	55012	20.199	ug/l	97
61) 1,2-Dibromoethane	11.175	107	43485	21.737	ug/l	99
64) Tetrachloroethene	10.804	164	45585	21.224	ug/l	89
65) Chlorobenzene	11.604	112	159447	20.733	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	54307	20.930	ug/l	98
67) Ethyl Benzene	11.681	91	252387	19.659	ug/l	98
68) m/p-Xylenes	11.786	106	201053	40.555	ug/l	90
69) o-Xylene	12.116	106	91040	19.626	ug/l	87
70) Styrene	12.133	104	166646	20.132	ug/l	96
71) Bromoform	12.298	173	30282	20.144	ug/l #	99
73) Isopropylbenzene	12.416	105	229711	19.865	ug/l	98
74) N-amyl acetate	12.233	43	53625	20.636	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	51900	21.244	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	38788m	23.303	ug/l	
77) Bromobenzene	12.698	156	60379	22.067	ug/l	85
78) n-propylbenzene	12.763	91	295590	20.509	ug/l	95
79) 2-Chlorotoluene	12.845	91	174844	21.152	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	203215	20.734	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	16147	18.290	ug/l	98
82) 4-Chlorotoluene	12.945	91	186685	21.222	ug/l	93
83) tert-Butylbenzene	13.163	119	167830	20.505	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	203702	20.489	ug/l	96
85) sec-Butylbenzene	13.339	105	255938	20.402	ug/l	97
86) p-Isopropyltoluene	13.457	119	207959	20.017	ug/l	96
87) 1,3-Dichlorobenzene	13.451	146	122217	21.181	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	121769	20.967	ug/l	96
89) n-Butylbenzene	13.780	91	197789	19.584	ug/l	97
90) Hexachloroethane	14.051	117	45255	19.718	ug/l	91
91) 1,2-Dichlorobenzene	13.827	146	106418	20.791	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7419	21.621	ug/l	85
93) 1,2,4-Trichlorobenzene	15.092	180	55919	19.441	ug/l	97
94) Hexachlorobutadiene	15.198	225	31161	20.427	ug/l	98
95) Naphthalene	15.327	128	113872	19.914	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	50333	19.590	ug/l	97

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

