

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070324\
 Data File : VD079335.D
 Acq On : 03 Jul 2024 15:39
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 7.12G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 04 06:24:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	203741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	356608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	331782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93643	46.732	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.460%		
35) Dibromofluoromethane	7.804	113	106196	45.368	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.740%		
50) Toluene-d8	10.269	98	358265	42.545	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	85.080%		
62) 4-Bromofluorobenzene	12.569	95	129874	48.096	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	99389	43.160	ug/l	99
3) Chloromethane	2.146	50	116832	33.459	ug/l	95
4) Vinyl Chloride	2.281	62	149304	38.345	ug/l	99
5) Bromomethane	2.687	94	119405	37.845	ug/l	99
6) Chloroethane	2.834	64	101600	36.784	ug/l	91
7) Trichlorofluoromethane	3.169	101	196245	44.062	ug/l	96
8) Diethyl Ether	3.593	74	60594	46.254	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.963	101	125536	45.367	ug/l	93
10) Methyl Iodide	4.158	142	138308	50.599	ug/l	96
11) Tert butyl alcohol	5.046	59	33945	248.997	ug/l #	80
12) 1,1-Dichloroethene	3.940	96	120311	44.916	ug/l	93
13) Acrolein	3.799	56	46803	173.592	ug/l	94
14) Allyl chloride	4.558	41	153928	45.029	ug/l	87
15) Acrylonitrile	5.246	53	142143	238.057	ug/l	99
16) Acetone	4.016	43	127313	263.284	ug/l	100
17) Carbon Disulfide	4.269	76	396073	42.092	ug/l	97
18) Methyl Acetate	4.558	43	67937	48.360	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	266995	48.650	ug/l	97
20) Methylene Chloride	4.793	84	259878	81.576	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	135879	45.144	ug/l	86
22) Diisopropyl ether	6.210	45	363132	48.823	ug/l #	93
23) Vinyl Acetate	6.152	43	1400135	248.656	ug/l #	93
24) 1,1-Dichloroethane	6.105	63	236455	45.345	ug/l	98
25) 2-Butanone	7.081	43	169345	251.378	ug/l	94
26) 2,2-Dichloropropane	7.075	77	186352	45.267	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	153147	46.444	ug/l	87
28) Bromochloromethane	7.416	49	99166	45.610	ug/l #	72
29) Tetrahydrofuran	7.446	42	105567	252.254	ug/l #	84
30) Chloroform	7.593	83	248607	46.216	ug/l	96
31) Cyclohexane	7.875	56	187119	43.205	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	202348	45.831	ug/l	98
36) 1,1-Dichloropropene	8.004	75	177249	48.738	ug/l	95
37) Ethyl Acetate	7.163	43	76760	55.449	ug/l	98
38) Carbon Tetrachloride	7.987	117	177960	48.186	ug/l	98
39) Methylcyclohexane	9.275	83	207368	48.466	ug/l	91
40) Benzene	8.246	78	539824	47.577	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	41347	54.338	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	133785	49.027	ug/l	94
43) Isopropyl Acetate	8.357	43	137231	51.366	ug/l #	92
44) Trichloroethene	9.022	130	121598	46.917	ug/l	82
45) 1,2-Dichloropropane	9.304	63	133583	48.354	ug/l	97
46) Dibromomethane	9.393	93	76155	48.604	ug/l	90
47) Bromodichloromethane	9.581	83	184774	48.190	ug/l	98
48) Methyl methacrylate	9.375	41	64411	53.432	ug/l	85
49) 1,4-Dioxane	9.381	88	16776	1044.854	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	370863	266.748	ug/l	96
52) Toluene	10.328	92	337806	48.905	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	165855	47.898	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	203159	48.898	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	99877	49.422	ug/l	96
56) Ethyl methacrylate	10.598	69	124018	46.020	ug/l	93
57) 1,3-Dichloropropane	10.875	76	169059	48.929	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	273597	223.470	ug/l	89
59) 2-Hexanone	10.916	43	273112	276.618	ug/l	98
60) Dibromochloromethane	11.075	129	122345	47.960	ug/l	99
61) 1,2-Dibromoethane	11.175	107	91056	49.146	ug/l	94
64) Tetrachloroethene	10.804	164	98905	47.845	ug/l	90
65) Chlorobenzene	11.604	112	350074	47.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	118557	47.200	ug/l	97
67) Ethyl Benzene	11.681	91	638529	49.585	ug/l	96
68) m/p-Xylenes	11.792	106	490178	98.687	ug/l	87
69) o-Xylene	12.116	106	224113	50.227	ug/l	84
70) Styrene	12.134	104	405840	51.001	ug/l	95
71) Bromoform	12.292	173	65932	48.401	ug/l #	100
73) Isopropylbenzene	12.416	105	575712	47.676	ug/l	97
74) N-amyl acetate	12.228	43	131148	49.482	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	117480	46.670	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	88635m	54.524	ug/l	
77) Bromobenzene	12.698	156	130555	48.062	ug/l	80
78) n-propylbenzene	12.757	91	724602	46.872	ug/l	95
79) 2-Chlorotoluene	12.845	91	404554	46.809	ug/l	91
80) 1,3,5-Trimethylbenzene	12.898	105	485649	47.502	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	40098	45.771	ug/l	97
82) 4-Chlorotoluene	12.945	91	430428	47.402	ug/l	92
83) tert-Butylbenzene	13.163	119	398886	48.164	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	493119	48.188	ug/l	95
85) sec-Butylbenzene	13.339	105	621029	47.128	ug/l	96
86) p-Isopropyltoluene	13.457	119	514134	47.270	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	266171	46.081	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	264050	45.997	ug/l	97
89) n-Butylbenzene	13.786	91	499017	46.756	ug/l	96
90) Hexachloroethane	14.051	117	104875	43.838	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	230141	46.299	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16844	48.809	ug/l	77
93) 1,2,4-Trichlorobenzene	15.098	180	124514	46.979	ug/l	97
94) Hexachlorobutadiene	15.204	225	67876	46.054	ug/l	98
95) Naphthalene	15.328	128	264387	51.105	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	111005	47.365	ug/l	98

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

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