

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070324\
 Data File : VD079328.D
 Acq On : 03 Jul 2024 10:16
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

07/05/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jul 04 06:31:18 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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	179274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	309393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	290457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	141337	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90613	51.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.680%	
35) Dibromofluoromethane	7.804	113	105103	51.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.500%	
50) Toluene-d8	10.269	98	347846	47.611	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.220%	
62) 4-Bromofluorobenzene	12.569	95	127357	54.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.720%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.934	85	88747	43.798	ug/l 95
3) Chloromethane	2.146	50	137755	44.835	ug/l 99
4) Vinyl Chloride	2.281	62	177176	51.714	ug/l 98
5) Bromomethane	2.687	94	131785	48.719	ug/l 96
6) Chloroethane	2.834	64	122635	50.460	ug/l 97
7) Trichlorofluoromethane	3.169	101	179806	45.881	ug/l 98
8) Diethyl Ether	3.593	74	52253	45.331	ug/l 85
9) 1,1,2-Trichlorotrifluo...	3.969	101	112879	46.361	ug/l 96
10) Methyl Iodide	4.163	142	114242	47.938	ug/l 93
11) Tert butyl alcohol	5.057	59	26792	223.349	ug/l # 81
12) 1,1-Dichloroethene	3.934	96	106766	45.299	ug/l 89
13) Acrolein	3.793	56	52288	220.404	ug/l 96
14) Allyl chloride	4.557	41	137229	45.623	ug/l 87
15) Acrylonitrile	5.246	53	124024	236.060	ug/l 97
16) Acetone	4.022	43	128270	301.466	ug/l 99
17) Carbon Disulfide	4.269	76	372701	45.014	ug/l 100
18) Methyl Acetate	4.557	43	61671	49.890	ug/l # 88
19) Methyl tert-butyl Ether	5.316	73	237244	49.129	ug/l 99
20) Methylene Chloride	4.798	84	132958	44.823	ug/l # 88
21) trans-1,2-Dichloroethene	5.316	96	124966	47.184	ug/l 88
22) Diisopropyl ether	6.210	45	324709	49.615	ug/l # 92
23) Vinyl Acetate	6.151	43	1237451	249.758	ug/l # 91
24) 1,1-Dichloroethane	6.110	63	214498	46.748	ug/l 97
25) 2-Butanone	7.075	43	159032	268.288	ug/l 92
26) 2,2-Dichloropropane	7.069	77	179037	49.425	ug/l 99
27) cis-1,2-Dichloroethene	7.075	96	137701	47.459	ug/l 86
28) Bromochloromethane	7.422	49	91052	47.593	ug/l # 71
29) Tetrahydrofuran	7.440	42	92628	251.544	ug/l # 84
30) Chloroform	7.592	83	226243	47.799	ug/l 98
31) Cyclohexane	7.875	56	176856	46.408	ug/l 88
32) 1,1,1-Trichloroethane	7.787	97	190069	48.925	ug/l 97
36) 1,1-Dichloropropene	8.004	75	164809	52.234	ug/l 94
37) Ethyl Acetate	7.163	43	64868	54.010	ug/l 98
38) Carbon Tetrachloride	7.992	117	169271	52.828	ug/l 100
39) Methylcyclohexane	9.275	83	194122	52.294	ug/l 93
40) Benzene	8.245	78	497104	50.498	ug/l 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	31588	47.848	ug/l	95
42) 1,2-Dichloroethane	8.328	62	124989	52.794	ug/l	94
43) Isopropyl Acetate	8.357	43	119019	51.348	ug/l	95
44) Trichloroethene	9.028	130	110566	49.171	ug/l	87
45) 1,2-Dichloropropane	9.304	63	120232	50.162	ug/l	93
46) Dibromomethane	9.392	93	70153	51.606	ug/l	89
47) Bromodichloromethane	9.581	83	171888	51.670	ug/l	97
48) Methyl methacrylate	9.381	41	54358	51.974	ug/l	89
49) 1,4-Dioxane	9.381	88	14347	1029.933	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	331428	274.762	ug/l	96
52) Toluene	10.328	92	312407	52.130	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	157073	52.284	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	181009	50.216	ug/l	94
55) 1,1,2-Trichloroethane	10.728	97	92442	52.723	ug/l	93
56) Ethyl methacrylate	10.592	69	110341	47.099	ug/l	96
57) 1,3-Dichloropropane	10.875	76	153663	51.260	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	250958	235.145	ug/l #	88
59) 2-Hexanone	10.922	43	256630	299.591	ug/l	99
60) Dibromochloromethane	11.069	129	115072	51.993	ug/l	99
61) 1,2-Dibromoethane	11.181	107	82495	51.320	ug/l	95
64) Tetrachloroethene	10.810	164	92450	51.086	ug/l	91
65) Chlorobenzene	11.604	112	334722	51.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	110391	50.202	ug/l	96
67) Ethyl Benzene	11.681	91	592393	52.548	ug/l	96
68) m/p-Xylenes	11.792	106	458213	105.377	ug/l	86
69) o-Xylene	12.116	106	207097	53.017	ug/l	85
70) Styrene	12.133	104	371590	53.341	ug/l	94
71) Bromoform	12.298	173	60564	50.786	ug/l #	95
73) Isopropylbenzene	12.416	105	545028	51.874	ug/l	98
74) N-amyl acetate	12.233	43	118616	51.435	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	107365	49.020	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	81100m	57.337	ug/l	
77) Bromobenzene	12.698	156	118843	50.283	ug/l	76
78) n-propylbenzene	12.757	91	690683	51.348	ug/l	94
79) 2-Chlorotoluene	12.845	91	382736	50.896	ug/l	90
80) 1,3,5-Trimethylbenzene	12.898	105	458152	51.503	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	37907	49.731	ug/l	97
82) 4-Chlorotoluene	12.945	91	408729	51.733	ug/l	91
83) tert-Butylbenzene	13.163	119	377626	52.405	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	465261	52.254	ug/l	95
85) sec-Butylbenzene	13.339	105	601730	52.481	ug/l	94
86) p-Isopropyltoluene	13.457	119	499167	52.746	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	249850	49.714	ug/l	96
88) 1,4-Dichlorobenzene	13.533	146	244418	48.934	ug/l	96
89) n-Butylbenzene	13.786	91	496211	53.435	ug/l	96
90) Hexachloroethane	14.051	117	102263	49.128	ug/l	91
91) 1,2-Dichlorobenzene	13.827	146	214469	49.588	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15292	50.928	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	117059	50.760	ug/l	96
94) Hexachlorobutadiene	15.198	225	67075	52.306	ug/l	97
95) Naphthalene	15.327	128	241773	53.712	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	105995	51.980	ug/l	96

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

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