

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078871.D
 Acq On : 07 May 2024 10:04
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/08/2024
 Supervised By :Semsettin Yesilyurt 05/08/2024

Quant Time: May 08 04:18:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	122681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	192355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	182553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	62290	45.744	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.480%		
35) Dibromofluoromethane	7.805	113	73364	51.945	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.900%		
50) Toluene-d8	10.269	98	276390	50.994	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.980%		
62) 4-Bromofluorobenzene	12.575	95	79964	51.550	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63241	45.601	ug/l	99
3) Chloromethane	2.152	50	91489	44.387	ug/l	97
4) Vinyl Chloride	2.287	62	146450	48.947	ug/l	90
5) Bromomethane	2.693	94	131563	44.067	ug/l	99
6) Chloroethane	2.840	64	121078	49.122	ug/l	99
7) Trichlorofluoromethane	3.175	101	119173	48.940	ug/l	95
8) Diethyl Ether	3.593	74	33451	50.380	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.970	101	72840	49.789	ug/l	98
10) Methyl Iodide	4.169	142	92630	52.946	ug/l	98
11) Tert butyl alcohol	5.052	59	15297	245.243	ug/l	98
12) 1,1-Dichloroethene	3.940	96	70577	48.656	ug/l #	90
13) Acrolein	3.799	56	24639	204.522	ug/l	99
14) Allyl chloride	4.569	41	71846	49.343	ug/l	98
15) Acrylonitrile	5.252	53	67600	255.762	ug/l	98
16) Acetone	4.017	43	59399	292.520	ug/l	100
17) Carbon Disulfide	4.269	76	225890	47.092	ug/l	98
18) Methyl Acetate	4.564	43	25557	50.771	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	146116	53.227	ug/l	97
20) Methylene Chloride	4.805	84	82322	42.932	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	80897	49.736	ug/l	93
22) Diisopropyl ether	6.216	45	171313	53.208	ug/l	97
23) Vinyl Acetate	6.158	43	515886	265.773	ug/l	95
24) 1,1-Dichloroethane	6.116	63	126538	48.816	ug/l	100
25) 2-Butanone	7.081	43	77028	270.488	ug/l #	89
26) 2,2-Dichloropropane	7.075	77	111479	50.968	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	93557	50.358	ug/l	97
28) Bromochloromethane	7.422	49	47716	48.927	ug/l	92
29) Tetrahydrofuran	7.440	42	44575	267.504	ug/l	92
30) Chloroform	7.593	83	143078	49.463	ug/l	98
31) Cyclohexane	7.881	56	95950	47.461	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	128015	52.472	ug/l	98
36) 1,1-Dichloropropene	8.010	75	100071	55.086	ug/l	99
37) Ethyl Acetate	7.163	43	32023	53.295	ug/l	100
38) Carbon Tetrachloride	7.993	117	116071	55.507	ug/l	97
39) Methylcyclohexane	9.275	83	125166	55.918	ug/l	98
40) Benzene	8.252	78	316380	53.180	ug/l	95

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41) Methacrylonitrile	7.405	41	20292	68.388	ug/l	88
42) 1,2-Dichloroethane	8.322	62	75335	53.639	ug/l	98
43) Isopropyl Acetate	8.363	43	62679	57.029	ug/l	99
44) Trichloroethene	9.034	130	83706	55.857	ug/l	82
45) 1,2-Dichloropropane	9.305	63	70852	54.306	ug/l	93
46) Dibromomethane	9.393	93	44175	53.184	ug/l	99
47) Bromodichloromethane	9.581	83	109517	53.248	ug/l	94
48) Methyl methacrylate	9.381	41	29773	57.793	ug/l	98
49) 1,4-Dioxane	9.381	88	8674	1144.358	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	163376	277.591	ug/l	96
52) Toluene	10.334	92	212218	56.791	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	98271	56.983	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	114559	54.999	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	59754	55.463	ug/l	92
56) Ethyl methacrylate	10.599	69	65001	58.720	ug/l	96
57) 1,3-Dichloropropane	10.881	76	94330	55.368	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	116277	240.557	ug/l	95
59) 2-Hexanone	10.922	43	126040	302.453	ug/l	97
60) Dibromochloromethane	11.075	129	82770	56.682	ug/l	98
61) 1,2-Dibromoethane	11.181	107	56059	56.107	ug/l	99
64) Tetrachloroethene	10.810	164	70726	56.800	ug/l	98
65) Chlorobenzene	11.604	112	235186	56.136	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	81856	55.872	ug/l	99
67) Ethyl Benzene	11.681	91	393216	57.380	ug/l	97
68) m/p-Xylenes	11.793	106	324354	116.898	ug/l	98
69) o-Xylene	12.122	106	148923	58.707	ug/l	100
70) Styrene	12.134	104	270146	60.566	ug/l	98
71) Bromoform	12.298	173	46626	58.780	ug/l #	96
73) Isopropylbenzene	12.422	105	374031	55.257	ug/l	100
74) N-amyl acetate	12.234	43	59570	52.906	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	66958	52.797	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	41531m	49.713	ug/l	
77) Bromobenzene	12.698	156	91974	52.887	ug/l	97
78) n-propylbenzene	12.763	91	446607	54.443	ug/l	97
79) 2-Chlorotoluene	12.845	91	245959	53.719	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	312806	55.651	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	23305	54.504	ug/l	97
82) 4-Chlorotoluene	12.945	91	257346	52.706	ug/l	99
83) tert-Butylbenzene	13.163	119	279459	57.762	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	326184	56.695	ug/l	98
85) sec-Butylbenzene	13.345	105	411192	55.968	ug/l	100
86) p-Isopropyltoluene	13.457	119	368818	57.927	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	199899	54.886	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	189976	52.694	ug/l	99
89) n-Butylbenzene	13.787	91	315948	55.662	ug/l	98
90) Hexachloroethane	14.051	117	72361	53.122	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	171296	54.955	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8931	51.726	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	96751	55.874	ug/l	98
94) Hexachlorobutadiene	15.204	225	51004	57.497	ug/l	99
95) Naphthalene	15.334	128	178373	57.176	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	86752	56.551	ug/l	96

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

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