

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040722\
 Data File : VY008240.D
 Acq On : 07 Apr 2022 11:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 08 02:33:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

04/08/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	135506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	220839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113852	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62336	45.851	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.700%
35) Dibromofluoromethane	7.722	113	64483	44.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.140%
50) Toluene-d8	10.179	98	219762	40.316	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.640%
62) 4-Bromofluorobenzene	12.483	95	82796	43.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	57557	47.119	ug/l	99
3) Chloromethane	2.113	50	74160	49.856	ug/l	95
4) Vinyl Chloride	2.253	62	100215	50.635	ug/l	98
5) Bromomethane	2.650	94	80332	49.527	ug/l	99
6) Chloroethane	2.796	64	69830	53.638	ug/l	99
7) Trichlorofluoromethane	3.125	101	119092	47.569	ug/l	95
8) Diethyl Ether	3.528	74	42567	52.503	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.899	101	79592	51.250	ug/l	91
10) Methyl Iodide	4.088	142	89362	49.289	ug/l	89
11) Tert butyl alcohol	4.954	59	35984	255.104	ug/l	96
12) 1,1-Dichloroethene	3.869	96	72444	50.388	ug/l #	79
13) Acrolein	3.729	56	39010	339.776	ug/l	98
14) Allyl chloride	4.479	41	94395	49.902	ug/l #	90
15) Acrylonitrile	5.161	53	107208	277.607	ug/l	98
16) Acetone	3.948	43	93800	301.851	ug/l #	86
17) Carbon Disulfide	4.192	76	189714	46.569	ug/l	100
18) Methyl Acetate	4.479	43	43694	54.134	ug/l #	79
19) Methyl tert-butyl Ether	5.222	73	219744	53.782	ug/l	94
20) Methylene Chloride	4.716	84	89280	57.142	ug/l #	77
21) trans-1,2-Dichloroethene	5.222	96	84818	50.950	ug/l #	79
22) Diisopropyl ether	6.119	45	219848	54.022	ug/l #	90
23) Vinyl Acetate	6.058	43	731015	289.893	ug/l #	85
24) 1,1-Dichloroethane	6.015	63	140776	52.251	ug/l	96
25) 2-Butanone	6.984	43	133020	281.291	ug/l #	75
26) 2,2-Dichloropropane	6.978	77	133102	52.166	ug/l	92
27) cis-1,2-Dichloroethene	6.990	96	102304	53.018	ug/l	80
28) Bromochloromethane	7.332	49	36922	52.321	ug/l #	66
29) Tetrahydrofuran	7.350	42	84251	274.039	ug/l #	73
30) Chloroform	7.509	83	156572	53.670	ug/l	100
31) Cyclohexane	7.783	56	117332	46.171	ug/l #	85
32) 1,1,1-Trichloroethane	7.698	97	141424	52.467	ug/l	95
36) 1,1-Dichloropropene	7.917	75	115850	50.974	ug/l	95
37) Ethyl Acetate	7.070	43	59838	56.360	ug/l #	92
38) Carbon Tetrachloride	7.899	117	125626	50.722	ug/l	97
39) Methylcyclohexane	9.185	83	147202	47.985	ug/l #	83
40) Benzene	8.161	78	336817	51.810	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	29395m	55.139	ug/l	
42) 1,2-Dichloroethane	8.234	62	95676	52.463	ug/l	90
43) Isopropyl Acetate	8.271	43	108807	52.205	ug/l #	83
44) Trichloroethene	8.941	130	98426	52.356	ug/l	99
45) 1,2-Dichloropropane	9.216	63	81711	53.331	ug/l	95
46) Dibromomethane	9.307	93	54595	54.193	ug/l	97
47) Bromodichloromethane	9.496	83	122659	53.246	ug/l	98
48) Methyl methacrylate	9.295	41	46533	50.408	ug/l #	72
49) 1,4-Dioxane	9.295	88	14808	1105.701	ug/l #	74
51) 4-Methyl-2-Pentanone	10.069	43	290119	275.989	ug/l #	82
52) Toluene	10.246	92	226211	53.058	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	127505	53.996	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	143667	53.746	ug/l #	81
55) 1,1,2-Trichloroethane	10.648	97	77671	55.836	ug/l	96
56) Ethyl methacrylate	10.514	69	101039	55.682	ug/l #	71
57) 1,3-Dichloropropane	10.795	76	124710	54.776	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	185430	246.640	ug/l #	88
59) 2-Hexanone	10.831	43	207878	282.607	ug/l	78
60) Dibromochloromethane	10.984	129	93268	55.129	ug/l	99
61) 1,2-Dibromoethane	11.087	107	76842	55.464	ug/l	99
64) Tetrachloroethene	10.721	164	82418	48.591	ug/l	98
65) Chlorobenzene	11.520	112	252306	50.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	95931	52.229	ug/l	97
67) Ethyl Benzene	11.593	91	435712	49.924	ug/l	98
68) m/p-Xylenes	11.703	106	350493	100.997	ug/l	90
69) o-Xylene	12.032	106	168814	50.806	ug/l	89
70) Styrene	12.050	104	286433	52.659	ug/l	93
71) Bromoform	12.209	173	59296	53.469	ug/l #	100
73) Isopropylbenzene	12.331	105	445180	47.372	ug/l	99
74) N-amyl acetate	12.148	43	97477	47.187	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.587	83	93170	51.008	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	61406m	44.245	ug/l	
77) Bromobenzene	12.611	156	105545	48.956	ug/l	90
78) n-propylbenzene	12.672	91	521118	47.012	ug/l	96
79) 2-Chlorotoluene	12.758	91	288763	46.960	ug/l	94
80) 1,3,5-Trimethylbenzene	12.813	105	364302	47.320	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	30924	49.714	ug/l #	79
82) 4-Chlorotoluene	12.855	91	297626	47.172	ug/l	93
83) tert-Butylbenzene	13.081	119	339471	49.494	ug/l	90
84) 1,2,4-Trimethylbenzene	13.123	105	362373	48.335	ug/l	96
85) sec-Butylbenzene	13.258	105	489208	48.322	ug/l	98
86) p-Isopropyltoluene	13.373	119	412876	49.003	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	215947	50.522	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	211202	49.547	ug/l	98
89) n-Butylbenzene	13.703	91	367439	47.399	ug/l	98
90) Hexachloroethane	13.965	117	76027	46.571	ug/l	85
91) 1,2-Dichlorobenzene	13.745	146	192545	51.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13522	46.382	ug/l	64
93) 1,2,4-Trichlorobenzene	15.013	180	108479	48.130	ug/l	100
94) Hexachlorobutadiene	15.117	225	55021	46.145	ug/l	98
95) Naphthalene	15.239	128	239805	48.134	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	95612	49.027	ug/l	99

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

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