

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
 Data File : VY002993.D
 Acq On : 25 Jun 2020 12:11
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:22:14 AM

Quant Time: Jun 25 18:42:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 12:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	505875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	671167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	633655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	353846	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	88773	21.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.46%	
35) Dibromofluoromethane	7.72	113	79588	20.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.04%	
50) Toluene-d8	10.18	98	258776	16.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.84%	
62) 4-Bromofluorobenzene	12.48	95	108504	20.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	57357	18.037	ug/l	99
3) Chloromethane	2.12	50	83474	22.420	ug/l	95
4) Vinyl Chloride	2.26	62	84172	21.275	ug/l	97
5) Bromomethane	2.65	94	63556	21.836	ug/l	95
6) Chloroethane	2.79	64	55746	21.863	ug/l	95
7) Trichlorofluoromethane	3.13	101	162385	22.542	ug/l	96
8) Diethyl Ether	3.54	74	45195	17.991	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	83386	19.578	ug/l	98
10) Methyl Iodide	4.10	142	117783	20.224	ug/l	99
11) Tert butyl alcohol	4.96	59	39589	78.896	ug/l #	72
12) 1,1-Dichloroethene	3.88	96	81599	19.420	ug/l	95
13) Acrolein	3.73	56	41750	99.910	ug/l	99
14) Allyl chloride	4.49	41	130669	21.132	ug/l	98
15) Acrylonitrile	5.18	53	105992	88.247	ug/l	99
16) Acetone	3.95	43	85537	84.150	ug/l	100
17) Carbon Disulfide	4.20	76	252714	20.376	ug/l	100
18) Methyl Acetate	4.48	43	46337	15.357	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	226345	19.778	ug/l	97
20) Methylene Chloride	4.72	84	106264	16.058	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	92811	20.061	ug/l	98
22) Diisopropyl ether	6.13	45	267403	21.536	ug/l	98
23) Vinyl Acetate	6.07	43	874757	108.612	ug/l	99
24) 1,1-Dichloroethane	6.03	63	153663	20.995	ug/l	99
25) 2-Butanone	6.99	43	138740	91.276	ug/l	95
26) 2,2-Dichloropropane	6.99	77	156273	22.533	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	104274	20.235	ug/l	98
28) Bromochloromethane	7.34	49	53120	17.603	ug/l	99
29) Tetrahydrofuran	7.36	42	90976	92.169	ug/l	99
30) Chloroform	7.52	83	165520	21.575	ug/l	97
31) Cyclohexane	7.79	56	146339	20.669	ug/l #	92
32) 1,1,1-Trichloroethane	7.71	97	159733	22.437	ug/l	99
36) 1,1-Dichloropropene	7.92	75	126346	22.291	ug/l	100
37) Ethyl Acetate	7.08	43	65018	20.536	ug/l	100
38) Carbon Tetrachloride	7.91	117	152194	23.756	ug/l	99

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39) Methylcyclohexane	9.19	83	159647	22.122	ug/l	95
40) Benzene	8.16	78	368192	22.684	ug/l	100
41) Methacrylonitrile	7.33	41	40471m	26.299	ug/l	
42) 1,2-Dichloroethane	8.24	62	113663	24.455	ug/l	100
43) Isopropyl Acetate	8.28	43	124963	21.945	ug/l	99
44) Trichloroethene	8.94	130	110716	21.799	ug/l	92
45) 1,2-Dichloropropane	9.22	63	84602	21.734	ug/l	98
46) Dibromomethane	9.30	93	50614	21.668	ug/l	95
47) Bromodichloromethane	9.50	83	119527	21.669	ug/l	96
48) Methyl methacrylate	9.30	41	58150	22.595	ug/l	99
49) 1,4-Dioxane	9.30	88	11392	343.613	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	261997	83.774	ug/l	100
52) Toluene	10.24	92	197479	18.189	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	117198	18.905	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	127592	18.321	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	67472	18.966	ug/l	97
56) Ethyl methacrylate	10.51	69	85874	17.702	ug/l	98
57) 1,3-Dichloropropane	10.79	76	120927	20.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	177066	75.151	ug/l	98
59) 2-Hexanone	10.83	43	217407	99.630	ug/l	100
60) Dibromochloromethane	10.99	129	100111	21.673	ug/l	99
61) 1,2-Dibromoethane	11.09	107	70790	20.047	ug/l	97
64) Tetrachloroethene	10.72	164	125624	23.414	ug/l	92
65) Chlorobenzene	11.52	112	260569	21.560	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	105242	22.851	ug/l	99
67) Ethyl Benzene	11.59	91	460965	22.131	ug/l	99
68) m/p-Xylenes	11.70	106	352628	43.673	ug/l	100
69) o-Xylene	12.03	106	164742	21.640	ug/l	99
70) Styrene	12.04	104	286162	21.761	ug/l	100
71) Bromoform	12.20	173	70359	22.510	ug/l #	99
73) Isopropylbenzene	12.33	105	457284	21.224	ug/l	99
74) N-amyl acetate	12.14	43	115667	20.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	74945	18.772	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	57299m	18.714	ug/l	
77) Bromobenzene	12.61	156	123251	21.560	ug/l	98
78) n-propylbenzene	12.67	91	535398	21.431	ug/l	99
79) 2-Chlorotoluene	12.75	91	300641	21.464	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	414474	22.910	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	29403	18.589	ug/l	96
82) 4-Chlorotoluene	12.85	91	320366	21.742	ug/l	100
83) tert-Butylbenzene	13.08	119	353127	21.681	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	396553	21.794	ug/l	100
85) sec-Butylbenzene	13.25	105	459691	21.069	ug/l	100
86) p-Isopropyltoluene	13.37	119	452645	22.009	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	238263	22.292	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	236453	21.963	ug/l	99
89) n-Butylbenzene	13.70	91	395347	21.190	ug/l	99
90) Hexachloroethane	13.96	117	83103	21.766	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	211980	21.698	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13514	18.397	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.00	180	167804	23.190	ug/l	99
94) Hexachlorobutadiene	15.11	225	116088	26.861	ug/l	98
95) Naphthalene	15.23	128	259775	18.470	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	143351	22.095	ug/l	98

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

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