

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002934.D
 Acq On : 19 Jun 2020 13:15
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 2:06:50 PM

Quant Time: Jun 19 14:30:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 14:17:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	347703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	513265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	485386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	258177	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	27945	9.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.26%	
35) Dibromofluoromethane	7.72	113	28588	9.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.46%	
50) Toluene-d8	10.18	98	110830	9.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.22%	
62) 4-Bromofluorobenzene	12.48	95	38760	9.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.12%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	20042	9.085	ug/l 99
3) Chloromethane	2.12	50	22963	9.076	ug/l 97
4) Vinyl Chloride	2.26	62	25172	9.400	ug/l 96
5) Bromomethane	2.65	94	19621	9.573	ug/l 98
6) Chloroethane	2.80	64	16380	9.406	ug/l 94
7) Trichlorofluoromethane	3.13	101	46525	9.562	ug/l 99
8) Diethyl Ether	3.54	74	17174	9.845	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	28702	9.784	ug/l 97
10) Methyl Iodide	4.10	142	35556	9.145	ug/l 100
11) Tert butyl alcohol	4.96	59	19582	52.596	ug/l # 90
12) 1,1-Dichloroethene	3.88	96	27404	9.476	ug/l 94
13) Acrolein	3.74	56	13833	49.577	ug/l 100
14) Allyl chloride	4.49	41	40521	9.731	ug/l 99
15) Acrylonitrile	5.18	53	43284	51.443	ug/l 99
16) Acetone	3.96	43	34585	48.654	ug/l 99
17) Carbon Disulfide	4.20	76	74104	8.903	ug/l 99
18) Methyl Acetate	4.49	43	21516	9.545	ug/l 99
19) Methyl tert-butyl Ether	5.23	73	78843	10.017	ug/l 97
20) Methylene Chloride	4.72	84	43599	8.278	ug/l 97
21) trans-1,2-Dichloroethene	5.23	96	30415	9.467	ug/l 98
22) Diisopropyl ether	6.13	45	86131	9.996	ug/l 96
23) Vinyl Acetate	6.07	43	274173	50.739	ug/l 98
24) 1,1-Dichloroethane	6.03	63	50047	9.862	ug/l 98
25) 2-Butanone	7.00	43	54716	51.235	ug/l 96
26) 2,2-Dichloropropane	6.99	77	48262	10.014	ug/l 98
27) cis-1,2-Dichloroethene	6.99	96	35766	9.924	ug/l 98
28) Bromochloromethane	7.35	49	20421	9.678	ug/l 99
29) Tetrahydrofuran	7.35	42	35155	51.047	ug/l 99
30) Chloroform	7.52	83	52744	9.917	ug/l 98
31) Cyclohexane	7.79	56	47515	9.481	ug/l # 92
32) 1,1,1-Trichloroethane	7.71	97	47398	9.716	ug/l 99
36) 1,1-Dichloropropene	7.93	75	39836	9.578	ug/l 100
37) Ethyl Acetate	7.08	43	23980	10.255	ug/l 98
38) Carbon Tetrachloride	7.91	117	44424	9.720	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	50887	9.385	ug/l	98
40) Benzene	8.17	78	119882	9.643	ug/l	99
41) Methacrylonitrile	7.32	41	11395	5.389	ug/l #	45
42) 1,2-Dichloroethane	8.24	62	33988	9.831	ug/l	99
43) Isopropyl Acetate	8.28	43	42669	9.961	ug/l	100
44) Trichloroethene	8.94	130	37360	9.671	ug/l	99
45) 1,2-Dichloropropane	9.22	63	30312	10.111	ug/l	97
46) Dibromomethane	9.31	93	17557	9.811	ug/l	98
47) Bromodichloromethane	9.50	83	41477	10.021	ug/l #	98
48) Methyl methacrylate	9.30	41	18890	9.915	ug/l	99
49) 1,4-Dioxane	9.31	88	4785	185.085	ug/l	90
51) 4-Methyl-2-Pentanone	10.07	43	117108	51.179	ug/l	100
52) Toluene	10.25	92	78516	9.771	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	44381	9.899	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	50121	9.853	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	26940	10.057	ug/l	99
56) Ethyl methacrylate	10.51	69	34648	9.820	ug/l	97
57) 1,3-Dichloropropane	10.79	76	44682	9.994	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	87390	49.504	ug/l	99
59) 2-Hexanone	10.83	43	81827	51.171	ug/l	99
60) Dibromochloromethane	10.99	129	33890	10.019	ug/l	100
61) 1,2-Dibromoethane	11.09	107	26953	10.201	ug/l	99
64) Tetrachloroethene	10.72	164	40018	9.738	ug/l	98
65) Chlorobenzene	11.52	112	90022	9.765	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	34003	9.800	ug/l	98
67) Ethyl Benzene	11.59	91	153070	9.675	ug/l	98
68) m/p-Xylenes	11.70	106	118514	19.280	ug/l	100
69) o-Xylene	12.03	106	55970	9.658	ug/l	98
70) Styrene	12.05	104	96645	9.685	ug/l	99
71) Bromoform	12.20	173	23101	9.993	ug/l #	99
73) Isopropylbenzene	12.33	105	155564	9.871	ug/l	99
74) N-amyl acetate	12.14	43	40704	10.157	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	29788	10.193	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	23228m	6.343	ug/l	
77) Bromobenzene	12.61	156	40341	9.742	ug/l	98
78) n-propylbenzene	12.67	91	181439	9.895	ug/l	99
79) 2-Chlorotoluene	12.75	91	102703	9.995	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	128605	9.787	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	11560	10.010	ug/l	97
82) 4-Chlorotoluene	12.85	91	107446	9.911	ug/l	99
83) tert-Butylbenzene	13.07	119	116614	9.853	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	130867	9.856	ug/l	100
85) sec-Butylbenzene	13.25	105	159151	9.835	ug/l	99
86) p-Isopropyltoluene	13.37	119	149587	9.893	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	77536	9.860	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	76571	9.710	ug/l	96
89) n-Butylbenzene	13.69	91	135898	9.901	ug/l	99
90) Hexachloroethane	13.96	117	27843	9.958	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	71673	9.994	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5515	10.063	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	53705	9.994	ug/l	100
94) Hexachlorobutadiene	15.11	225	31890	10.152	ug/l	98
95) Naphthalene	15.23	128	104652	9.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	48168	10.060	ug/l	100

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

