

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002941.D
 Acq On : 19 Jun 2020 16:37
 Operator : SY/MD
 Sample : VY0619SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 2:07:03 PM

Quant Time: Jun 20 04:46:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	382235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	559167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	517791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	274437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	148082	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
35) Dibromofluoromethane	7.72	113	154150	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.18	98	613962	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.48	95	208435	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	43512	17.856	ug/l	99
3) Chloromethane	2.12	50	49529	17.901	ug/l	99
4) Vinyl Chloride	2.26	62	55452	18.666	ug/l	96
5) Bromomethane	2.65	94	38779	17.691	ug/l	95
6) Chloroethane	2.79	64	35011	18.221	ug/l	95
7) Trichlorofluoromethane	3.13	101	98574	18.478	ug/l	96
8) Diethyl Ether	3.54	74	35293	18.336	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	59020	18.371	ug/l	100
10) Methyl Iodide	4.10	142	71221	16.012	ug/l	99
11) Tert butyl alcohol	4.97	59	30369	77.927	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	57308	17.988	ug/l	95
13) Acrolein	3.74	56	28102	88.602	ug/l	100
14) Allyl chloride	4.49	41	85054	18.510	ug/l	99
15) Acrylonitrile	5.18	53	86237	93.418	ug/l	99
16) Acetone	3.96	43	69589	88.992	ug/l	98
17) Carbon Disulfide	4.20	76	153090	16.253	ug/l	100
18) Methyl Acetate	4.49	43	42206	19.108	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	161290	18.588	ug/l	97
20) Methylene Chloride	4.72	84	78412	16.200	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	64672	18.283	ug/l	99
22) Diisopropyl ether	6.12	45	183205	19.528	ug/l	96
23) Vinyl Acetate	6.07	43	564743	93.062	ug/l	98
24) 1,1-Dichloroethane	6.03	63	104139	18.737	ug/l	100
25) 2-Butanone	7.00	43	107146	91.440	ug/l	98
26) 2,2-Dichloropropane	6.99	77	98613	18.998	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	73707	18.644	ug/l	99
28) Bromochloromethane	7.34	49	43264	18.618	ug/l	99
29) Tetrahydrofuran	7.35	42	68959	91.108	ug/l	99
30) Chloroform	7.51	83	109303	18.777	ug/l	97
31) Cyclohexane	7.79	56	95907	17.691	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	101482	18.920	ug/l	99
36) 1,1-Dichloropropene	7.92	75	84023	18.502	ug/l	99
37) Ethyl Acetate	7.08	43	46516	18.447	ug/l	99
38) Carbon Tetrachloride	7.91	117	93540	18.691	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	105989	17.705	ug/l	99
40) Benzene	8.16	78	251334	18.590	ug/l	99
41) Methacrylonitrile	7.32	41	28421m	22.513	ug/l	
42) 1,2-Dichloroethane	8.24	62	69755	18.589	ug/l	100
43) Isopropyl Acetate	8.28	43	85593	18.228	ug/l	99
44) Trichloroethene	8.94	130	78081	18.645	ug/l	97
45) 1,2-Dichloropropane	9.22	63	62444	19.206	ug/l	100
46) Dibromomethane	9.31	93	36571	18.838	ug/l	98
47) Bromodichloromethane	9.50	83	85892	18.951	ug/l	99
48) Methyl methacrylate	9.29	41	39476	18.736	ug/l	98
49) 1,4-Dioxane	9.31	88	10663	374.765	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	229667	92.298	ug/l	100
52) Toluene	10.24	92	164823	18.837	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	92652	18.809	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	105242	18.875	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	54967	18.986	ug/l	97
56) Ethyl methacrylate	10.51	69	73582	18.855	ug/l	99
57) 1,3-Dichloropropane	10.79	76	91243	18.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	173651	89.339	ug/l	99
59) 2-Hexanone	10.83	43	162190	92.711	ug/l	100
60) Dibromochloromethane	10.99	129	70570	19.114	ug/l	99
61) 1,2-Dibromoethane	11.09	107	53339	18.571	ug/l	100
64) Tetrachloroethene	10.72	164	79786	18.492	ug/l	99
65) Chlorobenzene	11.52	112	185190	18.895	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	70750	19.097	ug/l	99
67) Ethyl Benzene	11.59	91	320111	18.934	ug/l	99
68) m/p-Xylenes	11.70	106	246823	37.571	ug/l	100
69) o-Xylene	12.03	106	118765	19.178	ug/l	99
70) Styrene	12.05	104	202564	18.932	ug/l	99
71) Bromoform	12.20	173	46898	18.912	ug/l #	98
73) Isopropylbenzene	12.33	105	319610	19.002	ug/l	100
74) N-amyl acetate	12.14	43	80413	18.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	59110	18.955	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	45806m	19.165	ug/l	
77) Bromobenzene	12.61	156	84102	19.098	ug/l	100
78) n-propylbenzene	12.67	91	371549	19.041	ug/l	100
79) 2-Chlorotoluene	12.75	91	208237	19.053	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	267117	19.050	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23584	18.839	ug/l	97
82) 4-Chlorotoluene	12.85	91	218996	19.053	ug/l	100
83) tert-Butylbenzene	13.08	119	239591	19.076	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	270091	19.143	ug/l	100
85) sec-Butylbenzene	13.25	105	326921	19.135	ug/l	100
86) p-Isopropyltoluene	13.37	119	309983	19.343	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	158983	19.153	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	156339	18.808	ug/l	98
89) n-Butylbenzene	13.70	91	278009	19.190	ug/l	100
90) Hexachloroethane	13.96	117	57529	19.273	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	145190	19.218	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10667	18.310	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	111384	19.648	ug/l	98
94) Hexachlorobutadiene	15.11	225	62742	19.202	ug/l	99
95) Naphthalene	15.23	128	214032	18.943	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	96977	19.174	ug/l	99

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

