

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001895.D
 Acq On : 06 Mar 2020 12:41
 Operator : SY/MD
 Sample : VY0306SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 11:41:04 AM

Quant Time: Mar 06 23:29:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	167645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	308276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	273153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	127008	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	89503	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
35) Dibromofluoromethane	7.75	113	86430	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.20	98	360782	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.49	95	123114	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	29240	18.895	ug/l	95
3) Chloromethane	2.13	50	45770	21.938	ug/l	99
4) Vinyl Chloride	2.27	62	42344	19.953	ug/l	95
5) Bromomethane	2.67	94	28662	19.561	ug/l	99
6) Chloroethane	2.82	64	26419	19.818	ug/l	95
7) Trichlorofluoromethane	3.15	101	55603	19.319	ug/l	93
8) Diethyl Ether	3.56	74	22297	19.656	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.94	101	36956	19.964	ug/l	99
10) Methyl Iodide	4.13	142	40077	18.721	ug/l	98
11) Tert butyl alcohol	4.99	59	26361	130.769	ug/l #	90
12) 1,1-Dichloroethene	3.91	96	37150	19.931	ug/l	99
13) Acrolein	3.76	56	22417	89.134	ug/l	95
14) Allyl chloride	4.52	41	64513	19.524	ug/l	98
15) Acrylonitrile	5.21	53	52951	87.356	ug/l	98
16) Acetone	3.98	43	41360	79.344	ug/l	95
17) Carbon Disulfide	4.23	76	119278	19.036	ug/l	98
18) Methyl Acetate	4.52	43	22790	17.015	ug/l	100
19) Methyl tert-butyl Ether	5.27	73	93735	18.557	ug/l	92
20) Methylene Chloride	4.76	84	45847	20.522	ug/l	95
21) trans-1,2-Dichloroethene	5.27	96	41748	19.733	ug/l	98
22) Diisopropyl ether	6.16	45	135081	19.943	ug/l	99
23) Vinyl Acetate	6.10	43	411833	92.747	ug/l	100
24) 1,1-Dichloroethane	6.07	63	72849	19.861	ug/l	97
25) 2-Butanone	7.03	43	66343	83.691	ug/l	99
26) 2,2-Dichloropropane	7.02	77	60823	20.203	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	45767	19.888	ug/l	99
28) Bromochloromethane	7.37	49	32928	19.916	ug/l	98
29) Tetrahydrofuran	7.38	42	43928	83.448	ug/l	99
30) Chloroform	7.54	83	68708	19.938	ug/l	95
31) Cyclohexane	7.82	56	76307	19.402	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	57348	19.744	ug/l	100
36) 1,1-Dichloropropene	7.95	75	57885	19.513	ug/l	100
37) Ethyl Acetate	7.11	43	31464	18.249	ug/l	98
38) Carbon Tetrachloride	7.93	117	47890	18.898	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	77339	19.656	ug/l	97
40) Benzene	8.19	78	172370	19.603	ug/l	99
41) Methacrylonitrile	7.35	41	16361m	21.085	ug/l	
42) 1,2-Dichloroethane	8.27	62	43288	19.105	ug/l	99
43) Isopropyl Acetate	8.30	43	56778	17.393	ug/l	99
44) Trichloroethene	8.97	130	41163	19.222	ug/l	96
45) 1,2-Dichloropropane	9.24	63	43687	19.765	ug/l	96
46) Dibromomethane	9.33	93	21497	18.873	ug/l	98
47) Bromodichloromethane	9.52	83	50705	19.136	ug/l	99
48) Methyl methacrylate	9.32	41	24880	17.177	ug/l	94
49) 1,4-Dioxane	9.32	88	5022	321.760	ug/l #	78
51) 4-Methyl-2-Pentanone	10.09	43	151858	90.318	ug/l	99
52) Toluene	10.26	92	104468	19.558	ug/l	100
53) t-1,3-Dichloropropene	10.49	75	53946	18.687	ug/l	95
54) cis-1,3-Dichloropropene	9.95	75	66130	19.243	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	30971	18.579	ug/l	95
56) Ethyl methacrylate	10.52	69	43699	17.884	ug/l	95
57) 1,3-Dichloropropane	10.81	76	55210	18.580	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	117798	121.371	ug/l	100
59) 2-Hexanone	10.85	43	98960	82.461	ug/l	98
60) Dibromochloromethane	11.00	129	32967	18.768	ug/l	100
61) 1,2-Dibromoethane	11.11	107	28964	18.343	ug/l	99
64) Tetrachloroethene	10.74	164	33084	19.314	ug/l	97
65) Chlorobenzene	11.53	112	106621	19.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	35106	19.669	ug/l	98
67) Ethyl Benzene	11.61	91	198031	19.509	ug/l	99
68) m/p-Xylenes	11.71	106	149280	39.779	ug/l	99
69) o-Xylene	12.04	106	70304	19.876	ug/l	98
70) Styrene	12.06	104	120264	19.852	ug/l	100
71) Bromoform	12.22	173	17057	17.622	ug/l #	98
73) Isopropylbenzene	12.34	105	188345	19.426	ug/l	99
74) N-amyl acetate	12.16	43	51639	17.330	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	36730	17.567	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	24640m	16.350	ug/l	
77) Bromobenzene	12.62	156	39900	19.424	ug/l	97
78) n-propylbenzene	12.68	91	235720	19.707	ug/l	100
79) 2-Chlorotoluene	12.77	91	127978	19.366	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	157129	19.686	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	12952	17.360	ug/l	99
82) 4-Chlorotoluene	12.86	91	135198	19.649	ug/l	99
83) tert-Butylbenzene	13.08	119	129292	19.503	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	157156	19.840	ug/l	99
85) sec-Butylbenzene	13.27	105	192570	19.707	ug/l	99
86) p-Isopropyltoluene	13.38	119	168212	19.955	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	79691	19.797	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	78433	19.207	ug/l	97
89) n-Butylbenzene	13.70	91	173458	19.834	ug/l	99
90) Hexachloroethane	13.97	117	30654	19.277	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	71502	19.552	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5360	16.429	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	46531	19.620	ug/l	98
94) Hexachlorobutadiene	15.13	225	23424	20.259	ug/l	98
95) Naphthalene	15.25	128	97624	17.354	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	40107	19.197	ug/l	98

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

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