

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031720\
 Data File : VY001992.D
 Acq On : 17 Mar 2020 11:21
 Operator : SY/MD
 Sample : VY0317SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/18/2020 11:13:10 AM

Quant Time: Mar 17 16:33:11 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	162166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	291752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	265994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	123999	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	87591	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	7.75	113	83805	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
50) Toluene-d8	10.20	98	345026	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.49	95	119833	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	27527	18.389	ug/l	98
3) Chloromethane	2.13	50	39040	19.344	ug/l	96
4) Vinyl Chloride	2.27	62	39473	19.229	ug/l	99
5) Bromomethane	2.66	94	27415	19.268	ug/l	100
6) Chloroethane	2.82	64	25751	19.969	ug/l	96
7) Trichlorofluoromethane	3.15	101	55091	19.788	ug/l	99
8) Diethyl Ether	3.56	74	22181	20.215	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	36734	20.514	ug/l	100
10) Methyl Iodide	4.12	142	40252	19.438	ug/l	99
11) Tert butyl alcohol	4.99	59	21901	108.812	ug/l	95
12) 1,1-Dichloroethene	3.91	96	36204	20.080	ug/l	98
13) Acrolein	3.76	56	18459	75.876	ug/l	99
14) Allyl chloride	4.52	41	63885	19.987	ug/l	99
15) Acrylonitrile	5.21	53	55969	95.454	ug/l	99
16) Acetone	3.98	43	44686	88.621	ug/l	100
17) Carbon Disulfide	4.23	76	112543	18.568	ug/l	98
18) Methyl Acetate	4.52	43	25124	19.392	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	98205	20.099	ug/l	98
20) Methylene Chloride	4.76	84	43323	20.047	ug/l	94
21) trans-1,2-Dichloroethene	5.26	96	41150	20.108	ug/l	99
22) Diisopropyl ether	6.16	45	134491	20.527	ug/l	93
23) Vinyl Acetate	6.10	43	422984	98.477	ug/l	98
24) 1,1-Dichloroethane	6.06	63	72076	20.314	ug/l	98
25) 2-Butanone	7.02	43	70426	91.843	ug/l	99
26) 2,2-Dichloropropane	7.02	77	58754	20.175	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	44573	20.023	ug/l	98
28) Bromochloromethane	7.37	49	33432	20.904	ug/l	100
29) Tetrahydrofuran	7.38	42	46619	91.552	ug/l	99
30) Chloroform	7.54	83	68722	20.615	ug/l	98
31) Cyclohexane	7.82	56	73689	19.370	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	57647	20.518	ug/l	99
36) 1,1-Dichloropropene	7.95	75	57549	20.498	ug/l	100
37) Ethyl Acetate	7.11	43	31562	19.342	ug/l	100
38) Carbon Tetrachloride	7.93	117	49015	20.437	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	73390	19.709	ug/l	97
40) Benzene	8.19	78	168961	20.304	ug/l	97
41) Methacrylonitrile	7.35	41	11629m	15.836	ug/l	
42) 1,2-Dichloroethane	8.27	62	43942	20.492	ug/l	99
43) Isopropyl Acetate	8.30	43	59742	19.338	ug/l	98
44) Trichloroethene	8.96	130	40844	20.153	ug/l	100
45) 1,2-Dichloropropane	9.24	63	42995	20.553	ug/l	99
46) Dibromomethane	9.33	93	21639	20.073	ug/l	100
47) Bromodichloromethane	9.52	83	52782	21.048	ug/l	99
48) Methyl methacrylate	9.32	41	26616	19.416	ug/l	99
49) 1,4-Dioxane	9.33	88	5415	366.589	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	158086	99.348	ug/l	100
52) Toluene	10.26	92	104072	20.587	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	56290	20.604	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	67657	20.802	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	31568	20.010	ug/l	96
56) Ethyl methacrylate	10.52	69	44642	19.305	ug/l	97
57) 1,3-Dichloropropane	10.81	76	57218	20.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	120787	134.578	ug/l	99
59) 2-Hexanone	10.85	43	105227	92.650	ug/l	100
60) Dibromochloromethane	11.00	129	33749	20.301	ug/l	98
61) 1,2-Dibromoethane	11.10	107	30079	20.128	ug/l	98
64) Tetrachloroethene	10.74	164	34026	20.398	ug/l	94
65) Chlorobenzene	11.53	112	108517	20.475	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.60	131	35756	20.572	ug/l	98
67) Ethyl Benzene	11.61	91	199074	20.140	ug/l	98
68) m/p-Xylenes	11.72	106	149652	40.951	ug/l	99
69) o-Xylene	12.04	106	70481	20.463	ug/l	99
70) Styrene	12.06	104	121545	20.603	ug/l	100
71) Bromoform	12.22	173	18197	19.306	ug/l #	100
73) Isopropylbenzene	12.34	105	187867	19.847	ug/l	99
74) N-amyl acetate	12.16	43	54022	18.569	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	38393	18.808	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	32641m	22.185	ug/l	
77) Bromobenzene	12.62	156	40563	20.226	ug/l	97
78) n-propylbenzene	12.68	91	234706	20.098	ug/l	99
79) 2-Chlorotoluene	12.77	91	130664	20.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	159438	20.460	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	13256	18.199	ug/l	94
82) 4-Chlorotoluene	12.86	91	138719	20.650	ug/l	99
83) tert-Butylbenzene	13.08	119	135809	20.983	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	159439	20.617	ug/l	100
85) sec-Butylbenzene	13.27	105	194691	20.408	ug/l	100
86) p-Isopropyltoluene	13.38	119	171782	20.873	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	81096	20.635	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	81080	20.337	ug/l	98
89) n-Butylbenzene	13.70	91	175511	20.556	ug/l	99
90) Hexachloroethane	13.97	117	31290	20.154	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	74252	20.797	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	6063	19.034	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	48633	21.004	ug/l	99
94) Hexachlorobutadiene	15.12	225	24137	21.382	ug/l	98
95) Naphthalene	15.25	128	104103	18.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	41605	20.397	ug/l	99

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

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