

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003120.D
 Acq On : 07 Jul 2020 12:26
 Operator : SY/MD
 Sample : VY0707SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:20:37 PM

Quant Time: Jul 08 04:02:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	423386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	609294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	560141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	300957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	198260	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	7.72	113	193684	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	10.18	98	712212	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.48	95	249860	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	57876	18.050	ug/l	99
3) Chloromethane	2.12	50	80094	17.058	ug/l	100
4) Vinyl Chloride	2.26	62	86732	18.937	ug/l	93
5) Bromomethane	2.65	94	65568	21.085	ug/l	95
6) Chloroethane	2.79	64	58872	20.206	ug/l	92
7) Trichlorofluoromethane	3.13	101	127754	19.762	ug/l	95
8) Diethyl Ether	3.54	74	45271	20.428	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	80738	20.917	ug/l	99
10) Methyl Iodide	4.10	142	97088	20.285	ug/l	98
11) Tert butyl alcohol	4.97	59	38830	90.609	ug/l	98
12) 1,1-Dichloroethene	3.88	96	74938	20.405	ug/l	91
13) Acrolein	3.74	56	30850	80.152	ug/l	96
14) Allyl chloride	4.49	41	115132	17.955	ug/l	98
15) Acrylonitrile	5.18	53	109261	95.662	ug/l	99
16) Acetone	3.96	43	86068	86.783	ug/l	96
17) Carbon Disulfide	4.20	76	221221	18.853	ug/l	99
18) Methyl Acetate	4.48	43	49299	18.451	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	213925	19.983	ug/l	100
20) Methylene Chloride	4.72	84	94475	16.706	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	85810	20.656	ug/l	88
22) Diisopropyl ether	6.13	45	257037	18.703	ug/l	98
23) Vinyl Acetate	6.07	43	837862	91.188	ug/l	97
24) 1,1-Dichloroethane	6.03	63	144032	19.185	ug/l	99
25) 2-Butanone	7.00	43	139587	88.603	ug/l	98
26) 2,2-Dichloropropane	6.99	77	133727	19.606	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	94283	20.235	ug/l	95
28) Bromochloromethane	7.35	49	59939	17.944	ug/l	86
29) Tetrahydrofuran	7.35	42	94352	90.060	ug/l	95
30) Chloroform	7.52	83	152600	20.518	ug/l	97
31) Cyclohexane	7.79	56	139441	18.854	ug/l	90
32) 1,1,1-Trichloroethane	7.71	97	136177	20.059	ug/l	99
36) 1,1-Dichloropropene	7.92	75	120161	20.474	ug/l	99
37) Ethyl Acetate	7.08	43	66983	18.982	ug/l	97
38) Carbon Tetrachloride	7.90	117	125276	20.516	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	149378	20.528	ug/l	99
40) Benzene	8.16	78	333512	20.757	ug/l	100
41) Methacrylonitrile	7.32	41	39341m	20.871	ug/l	
42) 1,2-Dichloroethane	8.24	62	102068	20.080	ug/l	99
43) Isopropyl Acetate	8.28	43	123884	18.467	ug/l	95
44) Trichloroethene	8.94	130	101968	21.834	ug/l	98
45) 1,2-Dichloropropane	9.22	63	87530	20.249	ug/l	92
46) Dibromomethane	9.31	93	51497	21.330	ug/l	98
47) Bromodichloromethane	9.50	83	120984	20.465	ug/l	97
48) Methyl methacrylate	9.30	41	55135	18.057	ug/l	93
49) 1,4-Dioxane	9.30	88	11673	396.072	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	323437	93.284	ug/l	96
52) Toluene	10.24	92	211668	20.927	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	127327	20.543	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	142671	20.127	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	70441	20.996	ug/l	99
56) Ethyl methacrylate	10.51	69	96445	19.859	ug/l	95
57) 1,3-Dichloropropane	10.79	76	120637	20.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	225176	90.405	ug/l	97
59) 2-Hexanone	10.83	43	224240	92.528	ug/l	98
60) Dibromochloromethane	10.99	129	89918	20.943	ug/l	100
61) 1,2-Dibromoethane	11.09	107	69454	20.999	ug/l	98
64) Tetrachloroethene	10.72	164	110518	23.312	ug/l	98
65) Chlorobenzene	11.52	112	233551	21.146	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	91192	21.148	ug/l	99
67) Ethyl Benzene	11.59	91	420499	20.811	ug/l	100
68) m/p-Xylenes	11.70	106	320269	42.587	ug/l	97
69) o-Xylene	12.03	106	151894	21.434	ug/l	94
70) Styrene	12.04	104	253012	20.899	ug/l	98
71) Bromoform	12.20	173	59661	20.749	ug/l #	100
73) Isopropylbenzene	12.33	105	410831	20.858	ug/l	98
74) N-amyl acetate	12.14	43	116177	18.119	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	79317	19.955	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	72557m	24.360	ug/l	
77) Bromobenzene	12.61	156	105893	20.968	ug/l	96
78) n-propylbenzene	12.67	91	490319	20.699	ug/l	99
79) 2-Chlorotoluene	12.75	91	275832	20.862	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	347130	21.002	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	29086	18.999	ug/l	97
82) 4-Chlorotoluene	12.85	91	284962	20.700	ug/l	99
83) tert-Butylbenzene	13.07	119	306722	21.134	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	349288	20.972	ug/l	99
85) sec-Butylbenzene	13.25	105	423030	21.147	ug/l	99
86) p-Isopropyltoluene	13.37	119	392614	21.181	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	200931	21.311	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	201323	21.654	ug/l	99
89) n-Butylbenzene	13.69	91	373854	21.080	ug/l	99
90) Hexachloroethane	13.96	117	73346	19.927	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	180639	21.354	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13602	19.331	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	135601	21.573	ug/l	99
94) Hexachlorobutadiene	15.11	225	88029	22.202	ug/l	99
95) Naphthalene	15.23	128	229585	19.997	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	113326	20.763	ug/l	100

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

