

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
 Data File : VY003519.D
 Acq On : 05 Nov 2020 12:07
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:27:08 AM

Quant Time: Nov 06 00:01:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	225570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	325005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	301744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160942	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	114692	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	7.72	113	99231	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.18	98	397971	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.48	95	134155	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	38313	21.467	ug/l	96
3) Chloromethane	2.12	50	51202	21.792	ug/l	99
4) Vinyl Chloride	2.26	62	56251	21.328	ug/l	98
5) Bromomethane	2.64	94	42484	19.280	ug/l	99
6) Chloroethane	2.79	64	34278	21.806	ug/l	97
7) Trichlorofluoromethane	3.13	101	69087	20.637	ug/l	98
8) Diethyl Ether	3.54	74	23137	22.538	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	39304	21.242	ug/l	98
10) Methyl Iodide	4.10	142	38985	23.242	ug/l	100
11) Tert butyl alcohol	4.96	59	47233	201.519	ug/l #	90
12) 1,1-Dichloroethene	3.88	96	38670	21.006	ug/l	98
13) Acrolein	3.74	56	18715	97.518	ug/l	98
14) Allyl chloride	4.49	41	70646	21.034	ug/l	100
15) Acrylonitrile	5.18	53	58312	106.412	ug/l	99
16) Acetone	3.96	43	69999	91.759	ug/l	99
17) Carbon Disulfide	4.20	76	121963	20.450	ug/l	98
18) Methyl Acetate	4.49	43	31177	21.626	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	102232	22.421	ug/l	97
20) Methylene Chloride	4.72	84	49223	22.911	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	45074	21.145	ug/l	96
22) Diisopropyl ether	6.13	45	135224	22.955	ug/l	98
23) Vinyl Acetate	6.07	43	484794	109.514	ug/l	99
24) 1,1-Dichloroethane	6.02	63	81692	21.823	ug/l	98
25) 2-Butanone	7.00	43	95576	100.172	ug/l	98
26) 2,2-Dichloropropane	6.99	77	75289	21.588	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	49840	21.577	ug/l	99
28) Bromochloromethane	7.34	49	38034	20.196	ug/l	97
29) Tetrahydrofuran	7.35	42	52527	105.358	ug/l	100
30) Chloroform	7.52	83	81769	22.239	ug/l	98
31) Cyclohexane	7.79	56	69660	20.097	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	74781	21.801	ug/l	99
36) 1,1-Dichloropropene	7.92	75	64278	20.977	ug/l	100
37) Ethyl Acetate	7.08	43	41202	21.653	ug/l	98
38) Carbon Tetrachloride	7.91	117	66160	20.812	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	69345	20.324	ug/l	99
40) Benzene	8.17	78	181836	21.323	ug/l	99
41) Methacrylonitrile	7.32	41	19848m	19.533	ug/l	
42) 1,2-Dichloroethane	8.24	62	59047	22.098	ug/l	100
43) Isopropyl Acetate	8.28	43	73452	21.479	ug/l	99
44) Trichloroethene	8.94	130	51121	21.354	ug/l	99
45) 1,2-Dichloropropane	9.22	63	47439	22.028	ug/l	99
46) Dibromomethane	9.31	93	25878	21.842	ug/l	99
47) Bromodichloromethane	9.50	83	64433	22.219	ug/l	97
48) Methyl methacrylate	9.30	41	33868	21.025	ug/l	98
49) 1,4-Dioxane	9.30	88	6292	425.619	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	197917	108.627	ug/l	99
52) Toluene	10.24	92	115359	21.628	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	66910	21.681	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	76854	22.131	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	36984	21.990	ug/l	99
56) Ethyl methacrylate	10.51	69	49083	21.788	ug/l	100
57) 1,3-Dichloropropane	10.79	76	64693	22.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	131456	115.110	ug/l	100
59) 2-Hexanone	10.83	43	139668	103.534	ug/l	99
60) Dibromochloromethane	10.98	129	46114	22.308	ug/l	100
61) 1,2-Dibromoethane	11.09	107	36111	22.240	ug/l	97
64) Tetrachloroethene	10.72	164	48369	21.464	ug/l	99
65) Chlorobenzene	11.52	112	125806	21.461	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	47773	21.609	ug/l	99
67) Ethyl Benzene	11.59	91	220554	20.749	ug/l	99
68) m/p-Xylenes	11.70	106	168462	41.821	ug/l	99
69) o-Xylene	12.03	106	77588	20.939	ug/l	98
70) Styrene	12.04	104	135817	21.587	ug/l	100
71) Bromoform	12.20	173	31495	21.373	ug/l #	99
73) Isopropylbenzene	12.33	105	213910	20.347	ug/l	100
74) N-amyl acetate	12.14	43	63339	21.269	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	46261	20.601	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	36775m	21.596	ug/l	
77) Bromobenzene	12.61	156	56322	21.085	ug/l	100
78) n-propylbenzene	12.67	91	257537	20.797	ug/l	100
79) 2-Chlorotoluene	12.75	91	143292	20.711	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	184107	21.136	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	16048	19.670	ug/l	97
82) 4-Chlorotoluene	12.85	91	155251	21.473	ug/l	100
83) tert-Butylbenzene	13.07	119	159341	20.625	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	183997	21.135	ug/l	98
85) sec-Butylbenzene	13.25	105	217993	20.840	ug/l	100
86) p-Isopropyltoluene	13.36	119	203057	20.931	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	107628	21.630	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	107117	21.648	ug/l	98
89) n-Butylbenzene	13.69	91	185918	20.982	ug/l	100
90) Hexachloroethane	13.95	117	34615	21.201	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	96157	21.753	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8483	20.868	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	70525	22.555	ug/l	99
94) Hexachlorobutadiene	15.11	225	44846	22.296	ug/l	99
95) Naphthalene	15.23	128	131975	21.078	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	62877	22.356	ug/l	97

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

