

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002915.D
 Acq On : 18 Jun 2020 13:15
 Operator : SY/MD
 Sample : VY0618SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0618SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 1:12:09 PM

Quant Time: Jun 19 05:23:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	257387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	374264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	353840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	107565	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
35) Dibromofluoromethane	7.72	113	110166	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.18	98	427471	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.48	95	154471	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	36721	20.734	ug/l	97
3) Chloromethane	2.12	50	45809	23.385	ug/l	99
4) Vinyl Chloride	2.26	62	45080	21.772	ug/l	98
5) Bromomethane	2.65	94	33076	21.317	ug/l	97
6) Chloroethane	2.79	64	28303	21.086	ug/l	96
7) Trichlorofluoromethane	3.13	101	80387	21.921	ug/l	94
8) Diethyl Ether	3.54	74	28629	19.994	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	48449	22.252	ug/l	98
10) Methyl Iodide	4.10	142	59153	19.416	ug/l	99
11) Tert butyl alcohol	4.98	59	27132	105.579	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	47427	21.660	ug/l	98
13) Acrolein	3.74	56	16659	63.609	ug/l	100
14) Allyl chloride	4.49	41	66767	21.260	ug/l	98
15) Acrylonitrile	5.18	53	69349	107.355	ug/l	99
16) Acetone	3.96	43	56703	108.203	ug/l	98
17) Carbon Disulfide	4.20	76	125988	19.041	ug/l	97
18) Methyl Acetate	4.49	43	32482	24.203	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	131821	21.807	ug/l	99
20) Methylene Chloride	4.72	84	70512	27.533	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	53002	21.524	ug/l	96
22) Diisopropyl ether	6.13	45	141242	21.643	ug/l	96
23) Vinyl Acetate	6.07	43	452390	104.996	ug/l	99
24) 1,1-Dichloroethane	6.02	63	82758	21.678	ug/l	98
25) 2-Butanone	6.99	43	85304	104.481	ug/l	99
26) 2,2-Dichloropropane	6.99	77	81125	22.158	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	59152	21.458	ug/l	98
28) Bromochloromethane	7.35	49	34661	22.117	ug/l	94
29) Tetrahydrofuran	7.36	42	53635	100.994	ug/l	97
30) Chloroform	7.52	83	91358	22.552	ug/l	94
31) Cyclohexane	7.79	56	76460	20.173	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	83945	22.238	ug/l	99
36) 1,1-Dichloropropene	7.93	75	67658	21.460	ug/l	99
37) Ethyl Acetate	7.08	43	36632	21.356	ug/l	99
38) Carbon Tetrachloride	7.91	117	77910	22.245	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	87662	21.095	ug/l	98
40) Benzene	8.16	78	204024	21.901	ug/l	98
41) Methacrylonitrile	7.32	41	19482m	21.141	ug/l	
42) 1,2-Dichloroethane	8.24	62	58486	22.402	ug/l	100
43) Isopropyl Acetate	8.28	43	69215	21.293	ug/l	98
44) Trichloroethene	8.94	130	63947	21.732	ug/l	96
45) 1,2-Dichloropropane	9.22	63	49730	22.261	ug/l	96
46) Dibromomethane	9.31	93	28989	21.850	ug/l	98
47) Bromodichloromethane	9.50	83	71752	22.941	ug/l	99
48) Methyl methacrylate	9.30	41	30280	20.635	ug/l	98
49) 1,4-Dioxane	9.30	88	8624	423.335	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	185147	107.566	ug/l	100
52) Toluene	10.24	92	135065	22.163	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	76344	22.347	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	85243	22.021	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	44993	22.151	ug/l	98
56) Ethyl methacrylate	10.51	69	59989	22.050	ug/l	98
57) 1,3-Dichloropropane	10.79	76	74952	22.435	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	141532	106.467	ug/l	99
59) 2-Hexanone	10.83	43	133201	109.069	ug/l	99
60) Dibromochloromethane	10.99	129	58356	22.661	ug/l	99
61) 1,2-Dibromoethane	11.09	107	44096	22.008	ug/l	100
64) Tetrachloroethene	10.72	164	68293	21.236	ug/l	97
65) Chlorobenzene	11.52	112	155386	22.218	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	59476	22.580	ug/l	100
67) Ethyl Benzene	11.60	91	266539	21.984	ug/l	98
68) m/p-Xylenes	11.70	106	206554	43.940	ug/l	99
69) o-Xylene	12.03	106	98021	22.088	ug/l	100
70) Styrene	12.05	104	169702	22.059	ug/l	100
71) Bromoform	12.21	173	39474	22.397	ug/l #	100
73) Isopropylbenzene	12.33	105	269026	21.289	ug/l	100
74) N-amyl acetate	12.14	43	65804	20.295	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	49354	22.259	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	38879m	21.881	ug/l	
77) Bromobenzene	12.61	156	69422	21.098	ug/l	98
78) n-propylbenzene	12.67	91	312441	21.404	ug/l	99
79) 2-Chlorotoluene	12.75	91	175011	21.373	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	228264	21.634	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	19413	20.584	ug/l	99
82) 4-Chlorotoluene	12.86	91	183357	21.373	ug/l	100
83) tert-Butylbenzene	13.08	119	203222	21.592	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	229836	21.663	ug/l	100
85) sec-Butylbenzene	13.25	105	279435	21.714	ug/l	100
86) p-Isopropyltoluene	13.37	119	260167	21.727	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	135685	21.769	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	135682	21.761	ug/l	99
89) n-Butylbenzene	13.70	91	234786	21.596	ug/l	99
90) Hexachloroethane	13.96	117	49038	21.875	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	123519	21.852	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8986	21.065	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	91963	21.584	ug/l	98
94) Hexachlorobutadiene	15.11	225	54928	22.730	ug/l	99
95) Naphthalene	15.23	128	178056	20.843	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	83588	21.970	ug/l	98

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

