

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050120\
 Data File : VY002521.D
 Acq On : 01 May 2020 12:09
 Operator : SY/MD
 Sample : VY0501SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:19:13 PM

Quant Time: May 04 13:08:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	376677	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	557937	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	503627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	260439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	156236	49.33	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	7.72	113	157787	49.45	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.18	98	624015	50.08	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.49	95	210924	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	44687	15.629	ug/l	97
3) Chloromethane	2.12	50	54234	17.771	ug/l	98
4) Vinyl Chloride	2.26	62	62837	17.832	ug/l	100
5) Bromomethane	2.64	94	44640	18.369	ug/l	100
6) Chloroethane	2.79	64	38976	18.524	ug/l	99
7) Trichlorofluoromethane	3.13	101	101098	18.511	ug/l	99
8) Diethyl Ether	3.54	74	35782	19.496	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	62635	18.765	ug/l	97
10) Methyl Iodide	4.10	142	82482	18.138	ug/l	100
11) Tert butyl alcohol	4.97	59	31728	97.371	ug/l	98
12) 1,1-Dichloroethene	3.88	96	60735	18.730	ug/l	96
13) Acrolein	3.74	56	19125	84.878	ug/l	96
14) Allyl chloride	4.49	41	90192	19.090	ug/l	99
15) Acrylonitrile	5.18	53	85528	98.819	ug/l	100
16) Acetone	3.96	43	63316	96.868	ug/l	95
17) Carbon Disulfide	4.20	76	174660	17.904	ug/l	100
18) Methyl Acetate	4.49	43	41237	18.882	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	164421	19.435	ug/l	99
20) Methylene Chloride	4.72	84	67397	18.439	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	66739	18.831	ug/l	97
22) Diisopropyl ether	6.13	45	189796	19.854	ug/l	98
23) Vinyl Acetate	6.07	43	586519	97.559	ug/l	100
24) 1,1-Dichloroethane	6.03	63	109672	19.392	ug/l	99
25) 2-Butanone	7.00	43	102046	95.374	ug/l	99
26) 2,2-Dichloropropane	6.99	77	101291	18.843	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	76615	19.537	ug/l	100
28) Bromochloromethane	7.34	49	47771	20.616	ug/l	99
29) Tetrahydrofuran	7.35	42	70342	99.367	ug/l	98
30) Chloroform	7.52	83	113476	19.298	ug/l	96
31) Cyclohexane	7.79	56	104581	18.371	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	104939	19.200	ug/l	100
36) 1,1-Dichloropropene	7.93	75	89168	19.064	ug/l	99
37) Ethyl Acetate	7.08	43	46567	19.374	ug/l	99
38) Carbon Tetrachloride	7.91	117	97551	19.104	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	113350	18.348	ug/l	98
40) Benzene	8.17	78	259544	19.213	ug/l	100
41) Methacrylonitrile	7.33	41	27410m	21.210	ug/l	
42) 1,2-Dichloroethane	8.24	62	73403	19.371	ug/l	98
43) Isopropyl Acetate	8.28	43	86607	19.221	ug/l	99
44) Trichloroethene	8.94	130	80964	19.178	ug/l	98
45) 1,2-Dichloropropane	9.22	63	62899	19.292	ug/l	100
46) Dibromomethane	9.31	93	36300	19.351	ug/l	100
47) Bromodichloromethane	9.50	83	88904	19.491	ug/l	99
48) Methyl methacrylate	9.30	41	39564	19.401	ug/l	100
49) 1,4-Dioxane	9.30	88	10062	405.124	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	227486	97.948	ug/l	100
52) Toluene	10.25	92	167709	19.317	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	92696	19.397	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	105878	19.164	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	54078	19.769	ug/l	98
56) Ethyl methacrylate	10.51	69	70486	19.369	ug/l	99
57) 1,3-Dichloropropane	10.80	76	90069	19.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	194775	101.494	ug/l	100
59) 2-Hexanone	10.83	43	156416	97.851	ug/l	99
60) Dibromochloromethane	10.99	129	67618	19.435	ug/l	98
61) 1,2-Dibromoethane	11.09	107	52441	19.361	ug/l	100
64) Tetrachloroethene	10.72	164	88036	19.674	ug/l	100
65) Chlorobenzene	11.52	112	186910	19.523	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	71603	20.148	ug/l	98
67) Ethyl Benzene	11.60	91	326497	19.414	ug/l	97
68) m/p-Xylenes	11.70	106	251541	38.657	ug/l	99
69) o-Xylene	12.03	106	121021	19.864	ug/l	99
70) Styrene	12.05	104	204534	19.637	ug/l	100
71) Bromoform	12.21	173	43003	19.496	ug/l #	100
73) Isopropylbenzene	12.33	105	328476	19.461	ug/l	100
74) N-amyl acetate	12.14	43	79576	19.599	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	53173	19.808	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	47871m	20.684	ug/l	
77) Bromobenzene	12.61	156	82058	19.459	ug/l	100
78) n-propylbenzene	12.67	91	381675	19.485	ug/l	100
79) 2-Chlorotoluene	12.76	91	209980	19.353	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	274380	19.611	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22452	19.452	ug/l	98
82) 4-Chlorotoluene	12.86	91	221306	19.417	ug/l	99
83) tert-Butylbenzene	13.08	119	239161	19.495	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	273234	19.595	ug/l	100
85) sec-Butylbenzene	13.25	105	334047	19.623	ug/l	100
86) p-Isopropyltoluene	13.37	119	312185	19.572	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	155046	19.426	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	155901	19.726	ug/l	99
89) n-Butylbenzene	13.70	91	283489	19.523	ug/l	99
90) Hexachloroethane	13.96	117	56057	19.298	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	139298	19.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9705	19.395	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	101082	19.549	ug/l	99
94) Hexachlorobutadiene	15.12	225	60331	19.439	ug/l	99
95) Naphthalene	15.24	128	185870	19.705	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	86794	19.773	ug/l	100

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

