

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001691.D
 Acq On : 19 Feb 2020 11:19
 Operator : SY/MD
 Sample : VY0219SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/20/2020 5:56:01 PM

Quant Time: Feb 19 13:55:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	175702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	306553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	269759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	126327	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	87897	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
35) Dibromofluoromethane	7.75	113	84378	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.19	98	355188	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.49	95	120297	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	30491	17.803	ug/l	98
3) Chloromethane	2.13	50	43283	18.789	ug/l	99
4) Vinyl Chloride	2.27	62	43990	18.932	ug/l	98
5) Bromomethane	2.66	94	29934	20.613	ug/l	97
6) Chloroethane	2.81	64	27579	19.262	ug/l	98
7) Trichlorofluoromethane	3.15	101	58047	19.520	ug/l	98
8) Diethyl Ether	3.55	74	20731	17.684	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	37669	20.153	ug/l	98
10) Methyl Iodide	4.11	142	40427	17.672	ug/l	100
11) Tert butyl alcohol	4.97	59	21033	78.713	ug/l	96
12) 1,1-Dichloroethene	3.90	96	37677	19.763	ug/l	92
13) Acrolein	3.75	56	16255	85.161	ug/l	97
14) Allyl chloride	4.51	41	64709	19.072	ug/l	99
15) Acrylonitrile	5.19	53	49217	81.905	ug/l	99
16) Acetone	3.97	43	43709	66.840	ug/l	97
17) Carbon Disulfide	4.22	76	118454	18.611	ug/l	99
18) Methyl Acetate	4.50	43	23716	16.653	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	91489	17.237	ug/l	100
20) Methylene Chloride	4.74	84	42731	18.396	ug/l	92
21) trans-1,2-Dichloroethene	5.25	96	41293	18.985	ug/l	100
22) Diisopropyl ether	6.15	45	131530	18.877	ug/l	97
23) Vinyl Acetate	6.10	43	389274	85.651	ug/l	98
24) 1,1-Dichloroethane	6.05	63	72361	19.431	ug/l	99
25) 2-Butanone	7.02	43	64523	72.633	ug/l	96
26) 2,2-Dichloropropane	7.01	77	61862	19.093	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	46073	19.190	ug/l	100
28) Bromochloromethane	7.36	49	28296	18.240	ug/l	99
29) Tetrahydrofuran	7.38	42	42149	78.499	ug/l	97
30) Chloroform	7.53	83	69057	18.978	ug/l	99
31) Cyclohexane	7.81	56	76258	19.206	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	59131	19.335	ug/l	99
36) 1,1-Dichloropropene	7.94	75	59078	20.176	ug/l	99
37) Ethyl Acetate	7.10	43	29459	16.856	ug/l	99
38) Carbon Tetrachloride	7.93	117	51074	19.858	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	76300	19.641	ug/l	97
40) Benzene	8.18	78	169686	19.704	ug/l	96
41) Methacrylonitrile	7.33	41	11117m	12.669	ug/l	
42) 1,2-Dichloroethane	8.26	62	43373	18.487	ug/l	100
43) Isopropyl Acetate	8.29	43	55094	16.615	ug/l	98
44) Trichloroethene	8.96	130	42062	19.565	ug/l	99
45) 1,2-Dichloropropane	9.24	63	42623	19.762	ug/l	98
46) Dibromomethane	9.32	93	20804	18.442	ug/l	99
47) Bromodichloromethane	9.52	83	52397	19.245	ug/l	98
48) Methyl methacrylate	9.31	41	25012	16.678	ug/l	96
49) 1,4-Dioxane	9.32	88	4674	293.356	ug/l #	96
51) 4-Methyl-2-Pentanone	10.08	43	137588	80.757	ug/l	97
52) Toluene	10.26	92	104130	19.384	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	53888	17.904	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	64462	18.609	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	30254	18.188	ug/l	97
56) Ethyl methacrylate	10.52	69	40751	16.331	ug/l	94
57) 1,3-Dichloropropane	10.80	76	53235	18.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	108849	104.890	ug/l	100
59) 2-Hexanone	10.85	43	94980	74.300	ug/l	97
60) Dibromochloromethane	11.00	129	33399	18.212	ug/l	98
61) 1,2-Dibromoethane	11.10	107	27525	17.501	ug/l	98
64) Tetrachloroethene	10.73	164	34753	20.522	ug/l	98
65) Chlorobenzene	11.53	112	107394	19.941	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	35371	19.469	ug/l	99
67) Ethyl Benzene	11.61	91	201504	20.161	ug/l	98
68) m/p-Xylenes	11.71	106	150552	40.325	ug/l	99
69) o-Xylene	12.04	106	69950	19.708	ug/l	98
70) Styrene	12.05	104	120197	19.486	ug/l	99
71) Bromoform	12.22	173	17652	17.002	ug/l #	98
73) Isopropylbenzene	12.34	105	192231	19.974	ug/l	100
74) N-amyl acetate	12.16	43	51046	16.620	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	36121	17.578	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	24948m	17.216	ug/l	
77) Bromobenzene	12.62	156	40861	19.586	ug/l	91
78) n-propylbenzene	12.68	91	238208	20.323	ug/l	100
79) 2-Chlorotoluene	12.77	91	129822	19.748	ug/l	98
80) 1,3,5-Trimethylbenzene	12.83	105	161031	20.214	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	12863	16.840	ug/l	93
82) 4-Chlorotoluene	12.86	91	136643	19.708	ug/l	98
83) tert-Butylbenzene	13.09	119	135668	20.362	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	158619	19.972	ug/l	99
85) sec-Butylbenzene	13.27	105	195686	19.969	ug/l	100
86) p-Isopropyltoluene	13.38	119	172172	20.225	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	81904	20.243	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	81318	19.882	ug/l	99
89) n-Butylbenzene	13.70	91	175816	20.212	ug/l	99
90) Hexachloroethane	13.97	117	30816	19.213	ug/l	94
91) 1,2-Dichlorobenzene	13.75	146	71614	19.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5560	16.395	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	46058	18.614	ug/l	97
94) Hexachlorobutadiene	15.12	225	24662	20.041	ug/l	99
95) Naphthalene	15.25	128	94559	16.574	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	38660	17.759	ug/l	97

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

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