

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003077.D
 Acq On : 02 Jul 2020 11:46
 Operator : SY/MD
 Sample : VY0702SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/6/2020 10:43:20 AM

Quant Time: Jul 03 02:53:51 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	407812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	598937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	550627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	295027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	196675	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.72	113	185644	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.18	98	697019	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.48	95	245081	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	57523	18.625	ug/l	98
3) Chloromethane	2.12	50	79204	17.513	ug/l	98
4) Vinyl Chloride	2.26	62	90226	20.452	ug/l	96
5) Bromomethane	2.65	94	67486	22.530	ug/l	94
6) Chloroethane	2.79	64	58204	20.739	ug/l	96
7) Trichlorofluoromethane	3.13	101	127248	20.436	ug/l	98
8) Diethyl Ether	3.54	74	43589	20.420	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	77550	20.859	ug/l	99
10) Methyl Iodide	4.10	142	87261	18.928	ug/l	98
11) Tert butyl alcohol	4.96	59	47141	114.203	ug/l	95
12) 1,1-Dichloroethene	3.88	96	74205	20.977	ug/l	83
13) Acrolein	3.74	56	33423	90.153	ug/l	97
14) Allyl chloride	4.49	41	118058	19.115	ug/l	98
15) Acrylonitrile	5.17	53	109929	99.923	ug/l	99
16) Acetone	3.96	43	93777	98.167	ug/l	99
17) Carbon Disulfide	4.20	76	226678	20.056	ug/l	99
18) Methyl Acetate	4.49	43	50920	19.785	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	210645	20.428	ug/l	97
20) Methylene Chloride	4.72	84	118796	24.283	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	82223	20.549	ug/l	97
22) Diisopropyl ether	6.13	45	259280	19.587	ug/l	98
23) Vinyl Acetate	6.07	43	862100	97.409	ug/l	99
24) 1,1-Dichloroethane	6.03	63	145731	20.153	ug/l	99
25) 2-Butanone	6.99	43	151183	99.629	ug/l	96
26) 2,2-Dichloropropane	6.99	77	139284	21.200	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	93258	20.779	ug/l	99
28) Bromochloromethane	7.34	49	61472	19.106	ug/l	92
29) Tetrahydrofuran	7.35	42	98679	97.788	ug/l	98
30) Chloroform	7.51	83	147111	20.535	ug/l	98
31) Cyclohexane	7.78	56	138196	19.399	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	134645	20.591	ug/l	99
36) 1,1-Dichloropropene	7.93	75	119318	20.682	ug/l	99
37) Ethyl Acetate	7.08	43	68381	19.713	ug/l	99
38) Carbon Tetrachloride	7.91	117	122137	20.348	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	142706	19.951	ug/l	100
40) Benzene	8.16	78	327872	20.759	ug/l	97
41) Methacrylonitrile	7.32	41	34947m	18.860	ug/l	
42) 1,2-Dichloroethane	8.24	62	102475	20.509	ug/l	100
43) Isopropyl Acetate	8.27	43	128730	19.521	ug/l	98
44) Trichloroethene	8.94	130	96209	20.957	ug/l	99
45) 1,2-Dichloropropane	9.22	63	87435	20.576	ug/l	91
46) Dibromomethane	9.31	93	48555	20.459	ug/l	98
47) Bromodichloromethane	9.50	83	118975	20.473	ug/l	99
48) Methyl methacrylate	9.29	41	56792	18.921	ug/l	94
49) 1,4-Dioxane	9.30	88	13211	456.008	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	337355	98.981	ug/l	99
52) Toluene	10.24	92	204870	20.605	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	123057	20.197	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	141443	20.299	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	69898	21.194	ug/l	97
56) Ethyl methacrylate	10.51	69	94980	19.896	ug/l	99
57) 1,3-Dichloropropane	10.79	76	118417	20.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	228100	93.162	ug/l	99
59) 2-Hexanone	10.83	43	239271	100.438	ug/l	99
60) Dibromochloromethane	10.99	129	85430	20.242	ug/l	98
61) 1,2-Dibromoethane	11.09	107	67506	20.763	ug/l	99
64) Tetrachloroethene	10.72	164	95278	20.445	ug/l	97
65) Chlorobenzene	11.52	112	226248	20.838	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	88664	20.917	ug/l	99
67) Ethyl Benzene	11.59	91	409967	20.640	ug/l	97
68) m/p-Xylenes	11.70	106	307127	41.546	ug/l	98
69) o-Xylene	12.03	106	142485	20.454	ug/l	99
70) Styrene	12.05	104	246489	20.712	ug/l	99
71) Bromoform	12.20	173	58658	20.753	ug/l #	98
73) Isopropylbenzene	12.33	105	392742	20.341	ug/l	100
74) N-amyl acetate	12.14	43	120190	19.121	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	80243	20.594	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	59963m	20.536	ug/l	
77) Bromobenzene	12.61	156	99906	20.181	ug/l	98
78) n-propylbenzene	12.67	91	471607	20.310	ug/l	99
79) 2-Chlorotoluene	12.75	91	262153	20.226	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	330420	20.393	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	29650	19.757	ug/l	97
82) 4-Chlorotoluene	12.85	91	274012	20.305	ug/l	99
83) tert-Butylbenzene	13.08	119	290104	20.391	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	333620	20.434	ug/l	99
85) sec-Butylbenzene	13.25	105	404003	20.602	ug/l	99
86) p-Isopropyltoluene	13.37	119	374310	20.600	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	186701	20.200	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	188327	20.664	ug/l	99
89) n-Butylbenzene	13.70	91	359168	20.659	ug/l	100
90) Hexachloroethane	13.96	117	73334	20.324	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	171595	20.693	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14162	20.531	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	127610	20.709	ug/l	99
94) Hexachlorobutadiene	15.11	225	79712	20.509	ug/l	99
95) Naphthalene	15.23	128	231158	20.538	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	109080	20.386	ug/l	100

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

