

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002097.D
 Acq On : 27 Mar 2020 12:10
 Operator : SY/MD
 Sample : VY0327SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Manual Integrations
 APPROVED

apatel
 3/30/2020 1:10:16 PM

Quant Time: Mar 30 03:52:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	161128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	291306	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	264539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	124949	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	93716	52.61	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.22%	
35) Dibromofluoromethane	7.73	113	85241	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.18	98	352632	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.49	95	124273	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	32940	28.517	ug/l	99
3) Chloromethane	2.12	50	42369	22.501	ug/l	99
4) Vinyl Chloride	2.26	62	42303	22.089	ug/l	98
5) Bromomethane	2.65	94	27865	22.296	ug/l	98
6) Chloroethane	2.80	64	26967	21.930	ug/l	92
7) Trichlorofluoromethane	3.13	101	58738	22.382	ug/l	98
8) Diethyl Ether	3.54	74	23266	20.931	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	36162	21.002	ug/l	99
10) Methyl Iodide	4.10	142	41731	20.383	ug/l	100
11) Tert butyl alcohol	4.96	59	32526	154.955	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	36995	21.160	ug/l	98
13) Acrolein	3.74	56	24993	95.265	ug/l	98
14) Allyl chloride	4.49	41	67446	21.072	ug/l	99
15) Acrylonitrile	5.18	53	62561	107.382	ug/l	98
16) Acetone	3.96	43	52733	105.375	ug/l	99
17) Carbon Disulfide	4.20	76	124373	21.435	ug/l	100
18) Methyl Acetate	4.49	43	28079	21.608	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	102336	20.982	ug/l	98
20) Methylene Chloride	4.73	84	46500	19.298	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	42171	21.184	ug/l	97
22) Diisopropyl ether	6.13	45	138064	21.078	ug/l	96
23) Vinyl Acetate	6.07	43	459194	106.909	ug/l	100
24) 1,1-Dichloroethane	6.03	63	72293	20.758	ug/l	98
25) 2-Butanone	7.00	43	83383	108.513	ug/l	98
26) 2,2-Dichloropropane	6.99	77	61546	21.457	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	46059	21.031	ug/l	99
28) Bromochloromethane	7.35	49	31714	19.947	ug/l	100
29) Tetrahydrofuran	7.36	42	55156	109.479	ug/l	100
30) Chloroform	7.52	83	67478	20.441	ug/l	100
31) Cyclohexane	7.79	56	76342	20.572	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	55952	20.301	ug/l	99
36) 1,1-Dichloropropene	7.93	75	57643	20.920	ug/l	100
37) Ethyl Acetate	7.09	43	36442	21.886	ug/l	99
38) Carbon Tetrachloride	7.91	117	49350	21.111	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	75931	21.009	ug/l	98
40) Benzene	8.17	78	169863	20.812	ug/l	100
41) Methacrylonitrile	7.33	41	19777m	23.482	ug/l	
42) 1,2-Dichloroethane	8.25	62	45060	20.795	ug/l	100
43) Isopropyl Acetate	8.28	43	66183	21.416	ug/l	100
44) Trichloroethene	8.94	130	41709	21.200	ug/l	94
45) 1,2-Dichloropropane	9.22	63	43402	20.885	ug/l	98
46) Dibromomethane	9.31	93	22093	20.701	ug/l	97
47) Bromodichloromethane	9.50	83	52053	20.951	ug/l	98
48) Methyl methacrylate	9.30	41	30492	22.017	ug/l	97
49) 1,4-Dioxane	9.30	88	6123	418.087	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	183010	115.005	ug/l	99
52) Toluene	10.25	92	104876	21.245	ug/l	96
53) t-1,3-Dichloropropene	10.47	75	56947	20.651	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	67261	20.717	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	32691	20.696	ug/l	96
56) Ethyl methacrylate	10.51	69	49853	21.609	ug/l	99
57) 1,3-Dichloropropane	10.79	76	57941	20.761	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	125807	106.124	ug/l	99
59) 2-Hexanone	10.83	43	122785	109.536	ug/l	99
60) Dibromochloromethane	10.99	129	35192	21.291	ug/l	99
61) 1,2-Dibromoethane	11.09	107	31923	21.592	ug/l	96
64) Tetrachloroethene	10.72	164	34209	21.136	ug/l	94
65) Chlorobenzene	11.52	112	107229	20.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	35435	20.742	ug/l	99
67) Ethyl Benzene	11.60	91	200254	21.115	ug/l	97
68) m/p-Xylenes	11.71	106	148603	42.378	ug/l	99
69) o-Xylene	12.03	106	68652	20.639	ug/l	98
70) Styrene	12.05	104	120884	20.972	ug/l	99
71) Bromoform	12.21	173	19084	20.396	ug/l #	98
73) Isopropylbenzene	12.33	105	187048	20.180	ug/l	100
74) N-amyl acetate	12.14	43	61078	20.893	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	41932	21.024	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	26151m	18.710	ug/l	
77) Bromobenzene	12.61	156	40650	20.545	ug/l	100
78) n-propylbenzene	12.67	91	233880	20.333	ug/l	100
79) 2-Chlorotoluene	12.76	91	127603	20.205	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	156334	20.444	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	14630	20.279	ug/l	93
82) 4-Chlorotoluene	12.86	91	136362	20.490	ug/l	100
83) tert-Butylbenzene	13.08	119	128618	20.150	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	157808	20.683	ug/l	99
85) sec-Butylbenzene	13.25	105	193210	20.436	ug/l	100
86) p-Isopropyltoluene	13.37	119	169054	20.822	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	80886	20.897	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	81142	20.832	ug/l	99
89) n-Butylbenzene	13.70	91	173394	20.497	ug/l	100
90) Hexachloroethane	13.96	117	30491	19.930	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	73462	20.551	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6592	20.633	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	48562	21.077	ug/l	98
94) Hexachlorobutadiene	15.12	225	22910	20.145	ug/l	99
95) Naphthalene	15.24	128	114774	20.974	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	42592	20.386	ug/l	98

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

