

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002062.D
 Acq On : 25 Mar 2020 13:32
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Manual Integrations
 APPROVED

apatel
 3/26/2020 10:58:57 AM

Quant Time: Mar 26 07:06:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	157305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	283035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	254296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	119660	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	84548	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	7.75	113	78723	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	10.20	98	318407	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.50	95	116145	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	26009	17.912	ug/l	99
3) Chloromethane	2.13	50	36112	18.446	ug/l	99
4) Vinyl Chloride	2.27	62	37491	18.827	ug/l	99
5) Bromomethane	2.66	94	25526	18.228	ug/l	96
6) Chloroethane	2.82	64	25078	20.048	ug/l	98
7) Trichlorofluoromethane	3.15	101	53409	19.777	ug/l	97
8) Diethyl Ether	3.56	74	21664	20.354	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	34588	19.913	ug/l	98
10) Methyl Iodide	4.12	142	37614	18.725	ug/l	99
11) Tert butyl alcohol	5.00	59	20436	103.726	ug/l #	86
12) 1,1-Dichloroethene	3.90	96	34527	19.742	ug/l	97
13) Acrolein	3.76	56	15629	66.228	ug/l	97
14) Allyl chloride	4.52	41	63607	20.515	ug/l	99
15) Acrylonitrile	5.21	53	58291	102.487	ug/l	99
16) Acetone	3.99	43	49504	101.210	ug/l	97
17) Carbon Disulfide	4.22	76	102939	17.509	ug/l	100
18) Methyl Acetate	4.52	43	26801	21.325	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	98512	20.785	ug/l	95
20) Methylene Chloride	4.75	84	42114	20.090	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	39560	19.928	ug/l	98
22) Diisopropyl ether	6.15	45	134233	21.121	ug/l	97
23) Vinyl Acetate	6.10	43	430107	103.230	ug/l	99
24) 1,1-Dichloroethane	6.05	63	70343	20.438	ug/l	98
25) 2-Butanone	7.02	43	76805	103.257	ug/l	98
26) 2,2-Dichloropropane	7.02	77	59338	21.006	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	44678	20.691	ug/l	100
28) Bromochloromethane	7.36	49	32227	20.774	ug/l	99
29) Tetrahydrofuran	7.38	42	50787	102.819	ug/l	98
30) Chloroform	7.54	83	66730	20.636	ug/l	99
31) Cyclohexane	7.82	56	72187	19.561	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	56287	20.653	ug/l	99
36) 1,1-Dichloropropene	7.94	75	55082	20.224	ug/l	99
37) Ethyl Acetate	7.11	43	32859	20.758	ug/l	100
38) Carbon Tetrachloride	7.92	117	47480	20.407	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	71426	19.772	ug/l	99
40) Benzene	8.19	78	164295	20.351	ug/l	97
41) Methacrylonitrile	7.34	41	16465m	23.112	ug/l	
42) 1,2-Dichloroethane	8.27	62	43705	21.009	ug/l	99
43) Isopropyl Acetate	8.30	43	62574	20.879	ug/l	99
44) Trichloroethene	8.96	130	39422	20.051	ug/l	92
45) 1,2-Dichloropropane	9.24	63	41659	20.528	ug/l	99
46) Dibromomethane	9.33	93	21403	20.466	ug/l	99
47) Bromodichloromethane	9.52	83	51179	21.038	ug/l	94
48) Methyl methacrylate	9.31	41	27691	20.822	ug/l	96
49) 1,4-Dioxane	9.32	88	5662	395.116	ug/l	98
51) 4-Methyl-2-Pentanone	10.09	43	162345	105.167	ug/l	99
52) Toluene	10.26	92	101432	20.683	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	55062	20.775	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	65895	20.885	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	31778	20.763	ug/l	99
56) Ethyl methacrylate	10.53	69	47373	21.117	ug/l	96
57) 1,3-Dichloropropane	10.81	76	57064	20.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	129248	152.239	ug/l	99
59) 2-Hexanone	10.85	43	114674	104.077	ug/l	99
60) Dibromochloromethane	11.00	129	33585	20.825	ug/l	100
61) 1,2-Dibromoethane	11.11	107	29471	20.328	ug/l	100
64) Tetrachloroethene	10.74	164	32921	20.644	ug/l	98
65) Chlorobenzene	11.53	112	103984	20.522	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	34667	20.863	ug/l	98
67) Ethyl Benzene	11.61	91	193945	20.524	ug/l	98
68) m/p-Xylenes	11.72	106	143853	41.175	ug/l	100
69) o-Xylene	12.05	106	66960	20.335	ug/l	98
70) Styrene	12.06	104	117850	20.896	ug/l	100
71) Bromoform	12.22	173	18763	20.822	ug/l #	98
73) Isopropylbenzene	12.34	105	185442	20.301	ug/l	100
74) N-amyl acetate	12.16	43	56882	20.261	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	39364	19.983	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	24720m	17.410	ug/l	
77) Bromobenzene	12.63	156	39680	20.503	ug/l	98
78) n-propylbenzene	12.69	91	228266	20.255	ug/l	100
79) 2-Chlorotoluene	12.77	91	125979	20.234	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	150685	20.038	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	14066	20.011	ug/l	96
82) 4-Chlorotoluene	12.87	91	133079	20.529	ug/l	100
83) tert-Butylbenzene	13.09	119	127686	20.443	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	152351	20.415	ug/l	99
85) sec-Butylbenzene	13.27	105	187902	20.410	ug/l	100
86) p-Isopropyltoluene	13.38	119	164859	20.759	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	77733	20.497	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	79579	20.684	ug/l	98
89) n-Butylbenzene	13.71	91	169524	20.575	ug/l	99
90) Hexachloroethane	13.97	117	31010	20.698	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	70080	20.340	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	6437	20.941	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	46905	20.992	ug/l	99
94) Hexachlorobutadiene	15.12	225	22854	20.980	ug/l	99
95) Naphthalene	15.25	128	104922	19.797	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	40161	20.403	ug/l	98

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

