

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001134.D
 Acq On : 02 Jan 2020 14:47
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY010220

Manual Integrations
 APPROVED

apatel
 1/3/2020 11:12:25 AM

Quant Time: Jan 02 23:11:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 13:16:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	373589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	624587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	530069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	243167	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	151874	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	7.73	113	169170	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	10.18	98	681028	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.48	95	224843	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	121480	44.156	ug/l	97
3) Chloromethane	2.12	50	105329	55.160	ug/l	97
4) Vinyl Chloride	2.26	62	109688	56.498	ug/l	93
5) Bromomethane	2.65	94	86679	61.467	ug/l	99
6) Chloroethane	2.79	64	79654	60.456	ug/l	92
7) Trichlorofluoromethane	3.13	101	253413	48.496	ug/l	100
8) Diethyl Ether	3.53	74	95238	46.856	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	162161	49.363	ug/l	98
10) Methyl Iodide	4.10	142	246085	42.798	ug/l	98
11) Tert butyl alcohol	4.96	59	64395	208.903	ug/l	97
12) 1,1-Dichloroethene	3.88	96	172646	50.933	ug/l	94
13) Acrolein	3.74	56	83213	281.360	ug/l	98
14) Allyl chloride	4.49	41	184846	44.783	ug/l	99
15) Acrylonitrile	5.17	53	193594	212.423	ug/l	98
16) Acetone	3.96	43	138760	236.455	ug/l	94
17) Carbon Disulfide	4.20	76	524777	45.792	ug/l	99
18) Methyl Acetate	4.49	43	86464	42.499	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	385954	45.676	ug/l	98
20) Methylene Chloride	4.72	84	181609	44.363	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	181147	46.542	ug/l	97
22) Diisopropyl ether	6.13	45	367402	47.884	ug/l	97
23) Vinyl Acetate	6.07	43	1164911	221.756	ug/l	100
24) 1,1-Dichloroethane	6.02	63	257942	48.633	ug/l	97
25) 2-Butanone	6.99	43	206538	210.839	ug/l	100
26) 2,2-Dichloropropane	6.99	77	238307	41.646	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	196372	42.945	ug/l	99
28) Bromochloromethane	7.34	49	110428	55.547	ug/l	98
29) Tetrahydrofuran	7.35	42	133063	201.981	ug/l	98
30) Chloroform	7.52	83	269039	41.556	ug/l	97
31) Cyclohexane	7.79	56	247281	40.209	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	245640	40.644	ug/l	99
36) 1,1-Dichloropropene	7.92	75	224334	41.169	ug/l	99
37) Ethyl Acetate	7.08	43	90804	40.061	ug/l	98
38) Carbon Tetrachloride	7.91	117	225107	39.758	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	311855	41.308	ug/l	97
40) Benzene	8.17	78	678444	40.440	ug/l	98
41) Methacrylonitrile	7.32	41	46114m	42.223	ug/l	
42) 1,2-Dichloroethane	8.24	62	158631	39.729	ug/l	99
43) Isopropyl Acetate	8.28	43	173315	38.916	ug/l	99
44) Trichloroethene	8.94	130	201351	40.113	ug/l	98
45) 1,2-Dichloropropane	9.22	63	148611	39.884	ug/l	100
46) Dibromomethane	9.31	93	89467	40.765	ug/l	96
47) Bromodichloromethane	9.50	83	202974	41.106	ug/l	99
48) Methyl methacrylate	9.30	41	73852	38.927	ug/l	99
49) 1,4-Dioxane	9.30	88	24950	755.819	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	441878	210.395	ug/l	99
52) Toluene	10.24	92	425717	41.666	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	215456	41.771	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	257542	42.503	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	129476	40.811	ug/l	97
56) Ethyl methacrylate	10.51	69	171013	42.058	ug/l	99
57) 1,3-Dichloropropane	10.79	76	215881	43.557	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	349865	240.082	ug/l	97
59) 2-Hexanone	10.83	43	316186	222.833	ug/l	98
60) Dibromochloromethane	10.99	129	156424	43.058	ug/l	97
61) 1,2-Dibromoethane	11.09	107	128736	41.732	ug/l	100
64) Tetrachloroethene	10.72	164	206701	41.558	ug/l	97
65) Chlorobenzene	11.52	112	460153	40.817	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	157613	39.671	ug/l	97
67) Ethyl Benzene	11.59	91	803081	40.884	ug/l	99
68) m/p-Xylenes	11.70	106	624208	80.371	ug/l	99
69) o-Xylene	12.03	106	294388	39.924	ug/l	100
70) Styrene	12.05	104	496831	39.808	ug/l	100
71) Bromoform	12.20	173	91449	39.094	ug/l #	99
73) Isopropylbenzene	12.33	105	773388	42.177	ug/l	99
74) N-amyl acetate	12.14	43	150857	43.390	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	135156	41.704	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	103299m	40.160	ug/l	
77) Bromobenzene	12.61	156	184934	41.715	ug/l	97
78) n-propylbenzene	12.67	91	908665	41.911	ug/l	99
79) 2-Chlorotoluene	12.75	91	500467	41.709	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	646450	41.672	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	51284	41.331	ug/l	94
82) 4-Chlorotoluene	12.86	91	518525	42.042	ug/l	100
83) tert-Butylbenzene	13.08	119	544519	41.195	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	637338	41.035	ug/l	98
85) sec-Butylbenzene	13.25	105	768702	41.524	ug/l	98
86) p-Isopropyltoluene	13.37	119	689325	41.348	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	339792	40.950	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	338402	40.508	ug/l	99
89) n-Butylbenzene	13.70	91	652441	41.696	ug/l	99
90) Hexachloroethane	13.96	117	129182	41.834	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	310340	40.780	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22290	38.990	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	216956	41.390	ug/l	97
94) Hexachlorobutadiene	15.11	225	108425	40.842	ug/l	98
95) Naphthalene	15.23	128	480989	40.210	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	190322	40.575	ug/l	98

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

