

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012920\
 Data File : VY001415.D
 Acq On : 29 Jan 2020 11:58
 Operator : SY/MD
 Sample : VY0129SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 10:27:25 AM

Quant Time: Jan 29 15:27:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	193584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	333915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	291344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	137351	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	103443	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.75	113	100459	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.20	98	411639	54.06	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.49	95	148209	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	36524	23.925	ug/l	98
3) Chloromethane	2.13	50	52552	22.776	ug/l	97
4) Vinyl Chloride	2.27	62	54490	22.649	ug/l	97
5) Bromomethane	2.66	94	38113	23.522	ug/l	98
6) Chloroethane	2.82	64	35149	22.864	ug/l	99
7) Trichlorofluoromethane	3.15	101	72849	23.666	ug/l	99
8) Diethyl Ether	3.56	74	26552	20.434	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	47717	24.342	ug/l	98
10) Methyl Iodide	4.13	142	52678	20.375	ug/l	99
11) Tert butyl alcohol	4.99	59	29961	101.628	ug/l	95
12) 1,1-Dichloroethene	3.91	96	47882	23.296	ug/l	95
13) Acrolein	3.76	56	16789	99.695	ug/l	99
14) Allyl chloride	4.52	41	81677	22.283	ug/l	99
15) Acrylonitrile	5.21	53	64146	96.439	ug/l	100
16) Acetone	3.98	43	55211	94.791	ug/l	96
17) Carbon Disulfide	4.23	76	146517	22.666	ug/l	97
18) Methyl Acetate	4.51	43	32882	18.511	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	118867	19.751	ug/l	96
20) Methylene Chloride	4.75	84	66921	23.479	ug/l	97
21) trans-1,2-Dichloroethene	5.27	96	53501	22.409	ug/l	92
22) Diisopropyl ether	6.16	45	162479	20.875	ug/l	97
23) Vinyl Acetate	6.10	43	504600	99.861	ug/l	98
24) 1,1-Dichloroethane	6.06	63	91202	22.230	ug/l	97
25) 2-Butanone	7.03	43	84737	92.422	ug/l	98
26) 2,2-Dichloropropane	7.02	77	81202	22.220	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	57679	21.617	ug/l	97
28) Bromochloromethane	7.36	49	31836	18.817	ug/l	99
29) Tetrahydrofuran	7.39	42	53057	88.949	ug/l	98
30) Chloroform	7.54	83	85089	21.160	ug/l	96
31) Cyclohexane	7.82	56	95297	23.395	ug/l	98
32) 1,1,1-Trichloroethane	7.74	97	77430	22.805	ug/l	99
36) 1,1-Dichloropropene	7.95	75	72984	23.135	ug/l	99
37) Ethyl Acetate	7.11	43	36335	18.852	ug/l	99
38) Carbon Tetrachloride	7.93	117	66400	23.617	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	98568	24.390	ug/l	99
40) Benzene	8.19	78	214901	22.719	ug/l	100
41) Methacrylonitrile	7.35	41	20168m	20.277	ug/l	
42) 1,2-Dichloroethane	8.27	62	57142	21.620	ug/l	99
43) Isopropyl Acetate	8.30	43	72723	19.404	ug/l	98
44) Trichloroethene	8.96	130	54241	22.346	ug/l	96
45) 1,2-Dichloropropane	9.24	63	53905	22.543	ug/l	99
46) Dibromomethane	9.33	93	26493	20.638	ug/l	99
47) Bromodichloromethane	9.52	83	67275	21.923	ug/l	99
48) Methyl methacrylate	9.32	41	34686	20.358	ug/l	93
49) 1,4-Dioxane	9.32	88	6762	373.531	ug/l	99
51) 4-Methyl-2-Pentanone	10.09	43	179972	93.246	ug/l	99
52) Toluene	10.26	92	135640	22.621	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	72688	21.370	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	84528	21.651	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	39470	20.831	ug/l	96
56) Ethyl methacrylate	10.53	69	55968	19.544	ug/l	98
57) 1,3-Dichloropropane	10.80	76	68405	20.725	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	101948	102.878	ug/l	98
59) 2-Hexanone	10.85	43	127319	94.755	ug/l	99
60) Dibromochloromethane	11.00	129	43725	20.633	ug/l	99
61) 1,2-Dibromoethane	11.10	107	37131	20.730	ug/l	100
64) Tetrachloroethene	10.74	164	43167	23.196	ug/l	95
65) Chlorobenzene	11.53	112	136638	22.250	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	46399	22.140	ug/l	99
67) Ethyl Benzene	11.61	91	261667	23.121	ug/l	99
68) m/p-Xylenes	11.71	106	193548	45.789	ug/l	100
69) o-Xylene	12.04	106	92746	22.808	ug/l	99
70) Styrene	12.05	104	159836	22.403	ug/l	99
71) Bromoform	12.22	173	25165	20.115	ug/l #	99
73) Isopropylbenzene	12.34	105	248318	22.912	ug/l	99
74) N-amyl acetate	12.16	43	68367	19.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	46299	19.947	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	31660m	19.129	ug/l	
77) Bromobenzene	12.62	156	53706	22.372	ug/l	96
78) n-propylbenzene	12.68	91	305142	23.391	ug/l	99
79) 2-Chlorotoluene	12.77	91	169575	22.754	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	207591	22.946	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	17039	19.482	ug/l	98
82) 4-Chlorotoluene	12.86	91	175355	22.028	ug/l	98
83) tert-Butylbenzene	13.08	119	173450	22.745	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	207050	22.796	ug/l	99
85) sec-Butylbenzene	13.27	105	256361	23.661	ug/l	100
86) p-Isopropyltoluene	13.38	119	224371	23.499	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	104224	22.544	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	103747	22.101	ug/l	100
89) n-Butylbenzene	13.70	91	225595	23.477	ug/l	99
90) Hexachloroethane	13.97	117	41697	23.039	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	91794	21.529	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	7708	19.244	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	60780	21.240	ug/l	98
94) Hexachlorobutadiene	15.12	225	31397	22.533	ug/l	98
95) Naphthalene	15.25	128	127879	19.543	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	52016	20.721	ug/l	99

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

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