

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
 Data File : VY001424.D
 Acq On : 30 Jan 2020 12:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 4:26:16 PM

Quant Time: Jan 30 12:56:56 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	7.83	168	193052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	342489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	297702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	141942	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	107422	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	7.75	113	101895	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.20	98	412404	52.81	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.50	95	155231	49.91	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.93	85	67891	44.594	ug/l	99
3) Chloromethane	2.13	50	100727	43.776	ug/l	99
4) Vinyl Chloride	2.27	62	107777	44.922	ug/l	96
5) Bromomethane	2.68	94	69990	43.315	ug/l	98
6) Chloroethane	2.82	64	69011	45.015	ug/l	95
7) Trichlorofluoromethane	3.16	101	145598	47.431	ug/l	98
8) Diethyl Ether	3.57	74	56441	43.555	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.94	101	94274	48.224	ug/l	99
10) Methyl Iodide	4.13	142	116794	45.298	ug/l	99
11) Tert butyl alcohol	5.02	59	50180	184.963	ug/l	100
12) 1,1-Dichloroethene	3.91	96	94595	46.150	ug/l	91
13) Acrolein	3.77	56	43194	278.710	ug/l	98
14) Allyl chloride	4.53	41	167619	45.856	ug/l	99
15) Acrylonitrile	5.22	53	149776	225.799	ug/l	100
16) Acetone	3.99	43	159504	289.432	ug/l	96
17) Carbon Disulfide	4.24	76	275074	42.671	ug/l	99
18) Methyl Acetate	4.53	43	75857	42.821	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	269589	44.920	ug/l	98
20) Methylene Chloride	4.77	84	112647	42.816	ug/l	97
21) trans-1,2-Dichloroethene	5.27	96	106600	44.772	ug/l	97
22) Diisopropyl ether	6.16	45	355789	45.837	ug/l	97
23) Vinyl Acetate	6.11	43	1153497	228.908	ug/l	99
24) 1,1-Dichloroethane	6.07	63	190844	46.646	ug/l	97
25) 2-Butanone	7.03	43	220449	241.104	ug/l	98
26) 2,2-Dichloropropane	7.03	77	168300	46.181	ug/l	100
27) cis-1,2-Dichloroethene	7.03	96	121417	45.630	ug/l	98
28) Bromochloromethane	7.38	49	97270	57.650	ug/l	97
29) Tetrahydrofuran	7.39	42	133120	223.787	ug/l	99
30) Chloroform	7.55	83	183306	45.710	ug/l	99
31) Cyclohexane	7.82	56	184777	45.488	ug/l	95
32) 1,1,1-Trichloroethane	7.74	97	160600	47.430	ug/l	99
36) 1,1-Dichloropropene	7.95	75	149997	46.357	ug/l	99
37) Ethyl Acetate	7.11	43	91037	46.050	ug/l	99
38) Carbon Tetrachloride	7.93	117	136804	47.441	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	198457	47.878	ug/l	99
40) Benzene	8.19	78	449582	46.340	ug/l	99
41) Methacrylonitrile	7.36	41	51060m	50.051	ug/l	
42) 1,2-Dichloroethane	8.27	62	122218	45.084	ug/l	99
43) Isopropyl Acetate	8.30	43	176679	45.962	ug/l	99
44) Trichloroethene	8.97	130	113075	45.418	ug/l	99
45) 1,2-Dichloropropane	9.24	63	114077	46.513	ug/l	97
46) Dibromomethane	9.33	93	59845	45.452	ug/l	96
47) Bromodichloromethane	9.52	83	143986	45.745	ug/l	95
48) Methyl methacrylate	9.31	41	79629	45.567	ug/l	98
49) 1,4-Dioxane	9.33	88	15601	840.221	ug/l	93
51) 4-Methyl-2-Pentanone	10.09	43	453118	228.890	ug/l	99
52) Toluene	10.26	92	283517	46.100	ug/l	100
53) t-1,3-Dichloropropene	10.49	75	160103	45.891	ug/l	100
54) cis-1,3-Dichloropropene	9.95	75	184132	45.983	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	89078	45.836	ug/l	98
56) Ethyl methacrylate	10.53	69	136193	46.367	ug/l	98
57) 1,3-Dichloropropane	10.81	76	154865	45.745	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	244925	240.972	ug/l	99
59) 2-Hexanone	10.85	43	339441	246.300	ug/l	100
60) Dibromochloromethane	11.00	129	99967	45.992	ug/l	100
61) 1,2-Dibromoethane	11.11	107	84271	45.869	ug/l	99
64) Tetrachloroethene	10.74	164	90864	47.783	ug/l	99
65) Chlorobenzene	11.53	112	294890	46.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	102038	47.648	ug/l	99
67) Ethyl Benzene	11.61	91	549712	47.535	ug/l	99
68) m/p-Xylenes	11.72	106	410446	95.029	ug/l	100
69) o-Xylene	12.05	106	196841	47.374	ug/l	100
70) Styrene	12.06	104	346733	47.562	ug/l	99
71) Bromoform	12.22	173	59650	46.662	ug/l #	100
73) Isopropylbenzene	12.34	105	535421	47.804	ug/l	99
74) N-amyl acetate	12.16	43	170443	46.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	114497	47.733	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	72965m	42.659	ug/l	
77) Bromobenzene	12.63	156	113356	45.694	ug/l	98
78) n-propylbenzene	12.69	91	656882	48.725	ug/l	100
79) 2-Chlorotoluene	12.77	91	363454	47.192	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	440506	47.117	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	44182	48.883	ug/l	94
82) 4-Chlorotoluene	12.87	91	389353	47.328	ug/l	100
83) tert-Butylbenzene	13.09	119	374724	47.549	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	440336	46.912	ug/l	99
85) sec-Butylbenzene	13.27	105	549299	49.059	ug/l	100
86) p-Isopropyltoluene	13.38	119	478514	48.496	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	224377	46.963	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	222115	45.787	ug/l	99
89) n-Butylbenzene	13.71	91	485864	48.927	ug/l	99
90) Hexachloroethane	13.97	117	90499	48.387	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	201936	45.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18460	44.598	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	135355	45.770	ug/l	97
94) Hexachlorobutadiene	15.12	225	66831	46.412	ug/l	99
95) Naphthalene	15.25	128	312721	46.246	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	115692	44.597	ug/l	98

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

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