

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
 Data File : VY001606.D
 Acq On : 11 Feb 2020 17:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:12:07 PM

Quant Time: Feb 12 08:28:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	183985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	326416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	297936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	144858	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	102891	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	
35) Dibromofluoromethane	7.74	113	93976	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	10.19	98	387445	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.49	95	144496	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	73009	40.538	ug/l	98
3) Chloromethane	2.12	50	98978	52.583	ug/l	96
4) Vinyl Chloride	2.26	62	102237	52.308	ug/l	97
5) Bromomethane	2.66	94	67657	55.042	ug/l	95
6) Chloroethane	2.80	64	64431	54.689	ug/l	95
7) Trichlorofluoromethane	3.15	101	134251	41.497	ug/l	100
8) Diethyl Ether	3.55	74	53374	48.889	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.92	101	83513	42.902	ug/l	99
10) Methyl Iodide	4.11	142	100149	40.378	ug/l	98
11) Tert butyl alcohol	4.99	59	51569	247.172	ug/l	97
12) 1,1-Dichloroethene	3.90	96	88077	45.533	ug/l	97
13) Acrolein	3.75	56	46516	265.189	ug/l	100
14) Allyl chloride	4.51	41	153383	51.834	ug/l	97
15) Acrylonitrile	5.19	53	144096	287.909	ug/l	99
16) Acetone	3.97	43	141808	264.644	ug/l	98
17) Carbon Disulfide	4.22	76	274794	44.624	ug/l	98
18) Methyl Acetate	4.51	43	64199	56.144	ug/l	95
19) Methyl tert-butyl Ether	5.25	73	249271	48.457	ug/l	100
20) Methylene Chloride	4.75	84	103900	49.470	ug/l	91
21) trans-1,2-Dichloroethene	5.25	96	98480	45.796	ug/l	94
22) Diisopropyl ether	6.15	45	324809	55.403	ug/l	93
23) Vinyl Acetate	6.09	43	1086204	291.042	ug/l	96
24) 1,1-Dichloroethane	6.05	63	171867	48.738	ug/l	97
25) 2-Butanone	7.02	43	209266	301.026	ug/l	94
26) 2,2-Dichloropropane	7.01	77	144568	42.836	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	110381	46.996	ug/l	97
28) Bromochloromethane	7.36	49	79970	66.570	ug/l	88
29) Tetrahydrofuran	7.37	42	149692	359.260	ug/l	93
30) Chloroform	7.53	83	165850	46.431	ug/l	98
31) Cyclohexane	7.80	56	166406	46.132	ug/l	94
32) 1,1,1-Trichloroethane	7.72	97	141432	43.672	ug/l	98
36) 1,1-Dichloropropene	7.94	75	136373	45.669	ug/l	99
37) Ethyl Acetate	7.10	43	84274	58.299	ug/l	96
38) Carbon Tetrachloride	7.92	117	122535	42.414	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	172514	43.876	ug/l	98
40) Benzene	8.18	78	404245	47.462	ug/l	98
41) Methacrylonitrile	7.34	41	35735m	53.338	ug/l	
42) 1,2-Dichloroethane	8.25	62	113208	47.709	ug/l	100
43) Isopropyl Acetate	8.29	43	164636	57.522	ug/l	94
44) Trichloroethene	8.96	130	101174	44.069	ug/l	98
45) 1,2-Dichloropropane	9.23	63	104362	50.742	ug/l	98
46) Dibromomethane	9.32	93	55578	48.124	ug/l	99
47) Bromodichloromethane	9.51	83	129881	46.156	ug/l	97
48) Methyl methacrylate	9.31	41	74914	57.670	ug/l	92
49) 1,4-Dioxane	9.31	88	15811	1036.639	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	440011	312.172	ug/l	94
52) Toluene	10.25	92	255347	47.249	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	146851	47.914	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	166316	47.267	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	81530	49.204	ug/l	97
56) Ethyl methacrylate	10.52	69	123538	52.418	ug/l	91
57) 1,3-Dichloropropane	10.80	76	143792	49.229	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	255455	294.641	ug/l	95
59) 2-Hexanone	10.84	43	313305	305.711	ug/l	96
60) Dibromochloromethane	10.99	129	89478	45.811	ug/l	99
61) 1,2-Dibromoethane	11.10	107	77205	47.306	ug/l	98
64) Tetrachloroethene	10.73	164	81277	41.597	ug/l	95
65) Chlorobenzene	11.52	112	265416	45.371	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	88982	43.460	ug/l	100
67) Ethyl Benzene	11.60	91	490174	45.318	ug/l	99
68) m/p-Xylenes	11.71	106	368638	90.786	ug/l	98
69) o-Xylene	12.03	106	175741	45.903	ug/l	99
70) Styrene	12.05	104	305360	46.122	ug/l	98
71) Bromoform	12.22	173	54079	47.435	ug/l #	99
73) Isopropylbenzene	12.33	105	465203	42.107	ug/l	100
74) N-amyl acetate	12.15	43	159532	55.569	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	104982	50.014	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	72145m	46.312	ug/l	
77) Bromobenzene	12.61	156	103275	43.194	ug/l	94
78) n-propylbenzene	12.67	91	573431	43.355	ug/l	99
79) 2-Chlorotoluene	12.76	91	320358	42.492	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	393938	42.339	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	40149	49.869	ug/l	98
82) 4-Chlorotoluene	12.86	91	336347	42.551	ug/l	99
83) tert-Butylbenzene	13.08	119	334616	42.546	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	391058	42.465	ug/l	99
85) sec-Butylbenzene	13.26	105	479112	43.329	ug/l	99
86) p-Isopropyltoluene	13.38	119	417731	42.869	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	201376	43.949	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	203482	44.327	ug/l	99
89) n-Butylbenzene	13.70	91	425071	44.212	ug/l	100
90) Hexachloroethane	13.97	117	77626	41.505	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	185679	44.716	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17385	44.864	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	119338	42.647	ug/l	98
94) Hexachlorobutadiene	15.12	225	58312	41.059	ug/l	100
95) Naphthalene	15.24	128	291130	44.269	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	108479	43.917	ug/l	97

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

