

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072820\
 Data File : VY003378.D
 Acq On : 28 Jul 2020 16:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:07:27 PM

Quant Time: Jul 29 03:45:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	428681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	643468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	597598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	315612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	182081	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
35) Dibromofluoromethane	7.72	113	176038	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	10.18	98	640672	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
62) 4-Bromofluorobenzene	12.48	95	230929	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	128506	41.825	ug/l	99
3) Chloromethane	2.12	50	196069	46.006	ug/l	99
4) Vinyl Chloride	2.26	62	209940	48.012	ug/l	99
5) Bromomethane	2.65	94	164217	50.562	ug/l	100
6) Chloroethane	2.80	64	144890	50.449	ug/l	99
7) Trichlorofluoromethane	3.13	101	318808	51.053	ug/l	100
8) Diethyl Ether	3.54	74	117007	55.917	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	198055	52.514	ug/l	98
10) Methyl Iodide	4.10	142	208970	51.000	ug/l	100
11) Tert butyl alcohol	4.96	59	103764	265.215	ug/l	100
12) 1,1-Dichloroethene	3.88	96	182348	51.118	ug/l	96
13) Acrolein	3.73	56	66915	197.047	ug/l	100
14) Allyl chloride	4.49	41	313667	59.259	ug/l	96
15) Acrylonitrile	5.17	53	302077	300.523	ug/l	100
16) Acetone	3.95	43	228933	283.262	ug/l	95
17) Carbon Disulfide	4.20	76	523587	47.833	ug/l	100
18) Methyl Acetate	4.48	43	141113	62.871	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	570213	57.040	ug/l	100
20) Methylene Chloride	4.72	84	255846	64.512	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	212040	52.554	ug/l	92
22) Diisopropyl ether	6.13	45	724833	61.701	ug/l	95
23) Vinyl Acetate	6.07	43	2314010	295.534	ug/l	98
24) 1,1-Dichloroethane	6.02	63	397472	58.402	ug/l	99
25) 2-Butanone	6.99	43	388681	292.904	ug/l	99
26) 2,2-Dichloropropane	6.99	77	347339	56.670	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	251800	56.683	ug/l	98
28) Bromochloromethane	7.34	49	167756	56.932	ug/l	96
29) Tetrahydrofuran	7.35	42	262288	294.226	ug/l	96
30) Chloroform	7.51	83	404661	57.729	ug/l	99
31) Cyclohexane	7.78	56	333021	50.602	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	355426	56.323	ug/l	99
36) 1,1-Dichloropropene	7.92	75	299904	51.424	ug/l	100
37) Ethyl Acetate	7.08	43	176687	56.258	ug/l	99
38) Carbon Tetrachloride	7.90	117	321829	53.454	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	363720	49.646	ug/l	97
40) Benzene	8.16	78	876302	54.570	ug/l	95
41) Methacrylonitrile	7.33	41	101352m	53.582	ug/l	
42) 1,2-Dichloroethane	8.24	62	268645	54.341	ug/l	99
43) Isopropyl Acetate	8.27	43	338035	55.605	ug/l	99
44) Trichloroethene	8.94	130	249118	50.606	ug/l	95
45) 1,2-Dichloropropane	9.22	63	234960	56.547	ug/l	97
46) Dibromomethane	9.31	93	128868	53.101	ug/l	100
47) Bromodichloromethane	9.50	83	324214	56.171	ug/l	96
48) Methyl methacrylate	9.29	41	153836	56.604	ug/l	94
49) 1,4-Dioxane	9.30	88	33820	1098.024	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	894842	283.197	ug/l	98
52) Toluene	10.24	92	548327	53.423	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	339489	56.769	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	384547	55.810	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	188998	54.958	ug/l	99
56) Ethyl methacrylate	10.51	69	261420	55.914	ug/l	98
57) 1,3-Dichloropropane	10.79	76	324711	55.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	620598	260.270	ug/l	98
59) 2-Hexanone	10.83	43	617466	279.933	ug/l	98
60) Dibromochloromethane	10.99	129	237806	54.980	ug/l	97
61) 1,2-Dibromoethane	11.09	107	177547	52.310	ug/l	100
64) Tetrachloroethene	10.72	164	256794	48.194	ug/l	97
65) Chlorobenzene	11.52	112	620845	53.928	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	247790	55.417	ug/l	99
67) Ethyl Benzene	11.59	91	1111015	54.050	ug/l	100
68) m/p-Xylenes	11.70	106	833796	106.907	ug/l	98
69) o-Xylene	12.03	106	398189	54.649	ug/l	98
70) Styrene	12.04	104	692681	55.573	ug/l	99
71) Bromoform	12.20	173	159146	54.229	ug/l	100
73) Isopropylbenzene	12.33	105	1098657	54.624	ug/l	100
74) N-amyl acetate	12.14	43	317177	56.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	219071	56.396	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	155764m	55.755	ug/l	
77) Bromobenzene	12.61	156	276887	54.007	ug/l	99
78) n-propylbenzene	12.67	91	1303993	55.002	ug/l	100
79) 2-Chlorotoluene	12.75	91	726858	54.950	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	918075	54.767	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	80177	55.854	ug/l	96
82) 4-Chlorotoluene	12.85	91	755074	54.690	ug/l	99
83) tert-Butylbenzene	13.08	119	820360	55.463	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	927198	54.973	ug/l	98
85) sec-Butylbenzene	13.25	105	1124871	55.331	ug/l	100
86) p-Isopropyltoluene	13.37	119	1037073	54.634	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	528746	54.538	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	522337	54.418	ug/l	99
89) n-Butylbenzene	13.70	91	987043	55.282	ug/l	99
90) Hexachloroethane	13.96	117	203131	58.762	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	469479	55.180	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32532	51.657	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	325500	53.777	ug/l	100
94) Hexachlorobutadiene	15.11	225	215763	52.024	ug/l	99
95) Naphthalene	15.23	128	541789	54.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	259785	54.296	ug/l	98

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

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