

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022820\
 Data File : VY001807.D
 Acq On : 28 Feb 2020 18:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 10:35:58 AM

Quant Time: Feb 28 22:55:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	153026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	282717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	256092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	120826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	89426	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
35) Dibromofluoromethane	7.75	113	82801	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	10.20	98	342566	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	
62) 4-Bromofluorobenzene	12.49	95	121256	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	75885	50.873	ug/l	99
3) Chloromethane	2.13	50	97145	48.419	ug/l	99
4) Vinyl Chloride	2.27	62	97422	48.142	ug/l	100
5) Bromomethane	2.67	94	64274	50.819	ug/l	99
6) Chloroethane	2.82	64	63612	51.012	ug/l	97
7) Trichlorofluoromethane	3.15	101	137129	52.946	ug/l	96
8) Diethyl Ether	3.55	74	55788	54.639	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	87186	53.557	ug/l	99
10) Methyl Iodide	4.13	142	99486	49.934	ug/l	99
11) Tert butyl alcohol	5.00	59	46402	242.589	ug/l	97
12) 1,1-Dichloroethene	3.90	96	86013	51.804	ug/l	99
13) Acrolein	3.76	56	47441	285.377	ug/l	99
14) Allyl chloride	4.52	41	158968	53.797	ug/l	100
15) Acrylonitrile	5.21	53	153866	294.001	ug/l	100
16) Acetone	3.98	43	119045	209.019	ug/l	98
17) Carbon Disulfide	4.23	76	263136	47.470	ug/l	100
18) Methyl Acetate	4.52	43	71089	57.315	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	254045	54.955	ug/l	99
20) Methylene Chloride	4.75	84	105087	51.946	ug/l	96
21) trans-1,2-Dichloroethene	5.27	96	97835	51.646	ug/l	98
22) Diisopropyl ether	6.16	45	339039	55.870	ug/l	96
23) Vinyl Acetate	6.10	43	1123002	283.705	ug/l	98
24) 1,1-Dichloroethane	6.06	63	176754	54.497	ug/l	99
25) 2-Butanone	7.03	43	200533	259.188	ug/l	99
26) 2,2-Dichloropropane	7.02	77	143955	51.015	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	112311	53.711	ug/l	99
28) Bromochloromethane	7.37	49	80105	59.289	ug/l	97
29) Tetrahydrofuran	7.38	42	134124	286.811	ug/l	99
30) Chloroform	7.54	83	167127	52.736	ug/l	100
31) Cyclohexane	7.82	56	169042	48.883	ug/l	97
32) 1,1,1-Trichloroethane	7.74	97	140048	52.579	ug/l	99
36) 1,1-Dichloropropene	7.95	75	135738	50.264	ug/l	99
37) Ethyl Acetate	7.11	43	87194	54.097	ug/l	99
38) Carbon Tetrachloride	7.93	117	119634	50.436	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	175149	48.888	ug/l	99
40) Benzene	8.19	78	416590	52.452	ug/l	99
41) Methacrylonitrile	7.35	41	38632m	47.735	ug/l	
42) 1,2-Dichloroethane	8.27	62	111067	51.331	ug/l	98
43) Isopropyl Acetate	8.30	43	169189	55.324	ug/l	99
44) Trichloroethene	8.97	130	100356	50.617	ug/l	99
45) 1,2-Dichloropropane	9.24	63	108997	54.798	ug/l	97
46) Dibromomethane	9.33	93	56160	53.981	ug/l	99
47) Bromodichloromethane	9.52	83	133040	52.985	ug/l	96
48) Methyl methacrylate	9.31	41	75063	54.272	ug/l	100
49) 1,4-Dioxane	9.33	88	16250	1105.894	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	438786	279.259	ug/l	99
52) Toluene	10.27	92	255077	51.487	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	145553	52.437	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	170919	53.500	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	83376	54.350	ug/l	97
56) Ethyl methacrylate	10.53	69	127782	55.525	ug/l	99
57) 1,3-Dichloropropane	10.81	76	148602	54.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	230950	268.240	ug/l	100
59) 2-Hexanone	10.85	43	310726	263.565	ug/l	99
60) Dibromochloromethane	11.00	129	89869	53.136	ug/l	100
61) 1,2-Dibromoethane	11.11	107	79345	54.702	ug/l	98
64) Tetrachloroethene	10.74	164	80583	50.125	ug/l	98
65) Chlorobenzene	11.53	112	264777	51.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	89627	51.966	ug/l	99
67) Ethyl Benzene	11.61	91	495018	52.172	ug/l	100
68) m/p-Xylenes	11.72	106	368330	103.922	ug/l	98
69) o-Xylene	12.04	106	174799	51.876	ug/l	98
70) Styrene	12.06	104	308841	52.739	ug/l	99
71) Bromoform	12.22	173	51362	52.110	ug/l #	100
73) Isopropylbenzene	12.34	105	468494	50.897	ug/l	100
74) N-amyl acetate	12.16	43	154916	52.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	107703	54.799	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	76845m	55.442	ug/l	
77) Bromobenzene	12.62	156	102250	51.242	ug/l	98
78) n-propylbenzene	12.68	91	577087	51.477	ug/l	100
79) 2-Chlorotoluene	12.77	91	322076	51.224	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	388132	50.939	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	38411	52.576	ug/l	96
82) 4-Chlorotoluene	12.86	91	337608	50.910	ug/l	99
83) tert-Butylbenzene	13.09	119	328290	51.515	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	386439	50.872	ug/l	100
85) sec-Butylbenzene	13.27	105	475216	50.703	ug/l	100
86) p-Isopropyltoluene	13.38	119	407990	50.108	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	197512	51.038	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	196861	50.324	ug/l	99
89) n-Butylbenzene	13.70	91	423094	50.853	ug/l	99
90) Hexachloroethane	13.97	117	77869	50.759	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	182734	51.166	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	16544	51.005	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	117528	49.659	ug/l	98
94) Hexachlorobutadiene	15.12	225	55242	46.934	ug/l	100
95) Naphthalene	15.25	128	284683	52.170	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	103912	49.907	ug/l	99

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

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