

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001576.D
 Acq On : 07 Feb 2020 23:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/10/2020 11:26:59 AM

Quant Time: Feb 08 04:23:58 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	7.83	168	175830	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	320329	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.51	117	294652	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	141660	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	103815	58.64	ug/l	0.02
Spiked Amount	50.000		Recovery	=	117.28%	
35) Dibromofluoromethane	7.76	113	95456	51.68	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.21	98	389857	55.78	ug/l	0.02
Spiked Amount	50.000		Recovery	=	111.56%	
62) 4-Bromofluorobenzene	12.50	95	140379	50.99	ug/l	0.01
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	75597	43.922	ug/l	99
3) Chloromethane	2.13	50	105478	58.635	ug/l	97
4) Vinyl Chloride	2.27	62	105148	56.293	ug/l	96
5) Bromomethane	2.68	94	72725	61.909	ug/l	99
6) Chloroethane	2.82	64	68474	60.817	ug/l	100
7) Trichlorofluoromethane	3.16	101	136548	44.164	ug/l	99
8) Diethyl Ether	3.57	74	56747	54.390	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.95	101	86679	46.594	ug/l	99
10) Methyl Iodide	4.14	142	110336	46.548	ug/l	98
11) Tert butyl alcohol	5.01	59	52007	262.994	ug/l	97
12) 1,1-Dichloroethene	3.91	96	87811	47.501	ug/l	98
13) Acrolein	3.77	56	46783	279.081	ug/l	98
14) Allyl chloride	4.53	41	158469	56.037	ug/l	97
15) Acrylonitrile	5.22	53	151960	317.704	ug/l	100
16) Acetone	3.99	43	113497	221.633	ug/l	96
17) Carbon Disulfide	4.24	76	288647	49.048	ug/l	100
18) Methyl Acetate	4.53	43	68313	62.512	ug/l	95
19) Methyl tert-butyl Ether	5.27	73	263206	53.539	ug/l	96
20) Methylene Chloride	4.77	84	106085	53.210	ug/l	88
21) trans-1,2-Dichloroethene	5.27	96	102773	50.009	ug/l	96
22) Diisopropyl ether	6.18	45	342710	61.168	ug/l	96
23) Vinyl Acetate	6.11	43	1154369	323.652	ug/l	95
24) 1,1-Dichloroethane	6.08	63	179444	53.247	ug/l	98
25) 2-Butanone	7.04	43	199133	299.735	ug/l	93
26) 2,2-Dichloropropane	7.04	77	141695	43.932	ug/l	100
27) cis-1,2-Dichloroethene	7.04	96	115348	51.389	ug/l	99
28) Bromochloromethane	7.38	49	80764	70.349	ug/l	89
29) Tetrahydrofuran	7.39	42	137568	345.476	ug/l	92
30) Chloroform	7.55	83	174777	51.200	ug/l	99
31) Cyclohexane	7.83	56	168859	48.983	ug/l	95
32) 1,1,1-Trichloroethane	7.74	97	146326	47.278	ug/l	98
36) 1,1-Dichloropropene	7.96	75	138008	47.095	ug/l	99
37) Ethyl Acetate	7.12	43	90801	64.008	ug/l	96
38) Carbon Tetrachloride	7.94	117	123075	43.410	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	177769	46.072	ug/l	99
40) Benzene	8.20	78	429866	51.429	ug/l	99
41) Methacrylonitrile	7.36	41	43235m	65.759	ug/l	
42) 1,2-Dichloroethane	8.28	62	120952	51.941	ug/l	98
43) Isopropyl Acetate	8.31	43	174416	62.097	ug/l	94
44) Trichloroethene	8.97	130	106354	47.205	ug/l	96
45) 1,2-Dichloropropane	9.25	63	109458	54.231	ug/l	100
46) Dibromomethane	9.34	93	58789	51.871	ug/l	99
47) Bromodichloromethane	9.53	83	139120	50.379	ug/l	98
48) Methyl methacrylate	9.32	41	78950	61.931	ug/l	93
49) 1,4-Dioxane	9.33	88	16238	1084.866	ug/l	95
51) 4-Methyl-2-Pentanone	10.10	43	456024	329.681	ug/l	95
52) Toluene	10.27	92	267044	50.352	ug/l	98
53) t-1,3-Dichloropropene	10.49	75	153499	51.035	ug/l	99
54) cis-1,3-Dichloropropene	9.96	75	174185	50.444	ug/l	95
55) 1,1,2-Trichloroethane	10.67	97	87054	53.536	ug/l	97
56) Ethyl methacrylate	10.53	69	131875	57.019	ug/l	91
57) 1,3-Dichloropropane	10.81	76	152967	53.365	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.81	63	255662	300.483	ug/l	95
59) 2-Hexanone	10.86	43	318480	316.666	ug/l	96
60) Dibromochloromethane	11.01	129	96514	50.353	ug/l	99
61) 1,2-Dibromoethane	11.11	107	83948	52.415	ug/l	98
64) Tetrachloroethene	10.74	164	85031	44.004	ug/l	98
65) Chlorobenzene	11.53	112	279224	48.263	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	97936	48.367	ug/l	99
67) Ethyl Benzene	11.61	91	515300	48.172	ug/l	99
68) m/p-Xylenes	11.72	106	387432	96.478	ug/l	98
69) o-Xylene	12.05	106	185866	49.089	ug/l	100
70) Styrene	12.06	104	328973	50.243	ug/l	98
71) Bromoform	12.23	173	58837	52.184	ug/l #	100
73) Isopropylbenzene	12.35	105	489446	45.302	ug/l	100
74) N-amyl acetate	12.16	43	170549	60.748	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.60	83	110578	53.869	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	80791m	53.033	ug/l	
77) Bromobenzene	12.63	156	110739	47.362	ug/l	94
78) n-propylbenzene	12.69	91	600845	46.453	ug/l	100
79) 2-Chlorotoluene	12.78	91	343248	46.556	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	412782	45.366	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	39872	50.643	ug/l	99
82) 4-Chlorotoluene	12.88	91	359949	46.565	ug/l	100
83) tert-Butylbenzene	13.09	119	349906	45.495	ug/l	100
84) 1,2,4-Trimethylbenzene	13.14	105	415196	46.104	ug/l	99
85) sec-Butylbenzene	13.27	105	498924	46.139	ug/l	100
86) p-Isopropyltoluene	13.39	119	438813	46.050	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	213247	47.590	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	215105	47.917	ug/l	98
89) n-Butylbenzene	13.72	91	434051	46.165	ug/l	99
90) Hexachloroethane	13.98	117	83595	45.706	ug/l	98
91) 1,2-Dichlorobenzene	13.76	146	199705	49.180	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.38	75	18520	48.872	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.03	180	127085	46.441	ug/l	99
94) Hexachlorobutadiene	15.13	225	60514	43.572	ug/l	99
95) Naphthalene	15.25	128	308189	47.921	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	113379	46.937	ug/l	99

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

