

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002094.D
 Acq On : 27 Mar 2020 10:37
 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

apatel
 3/30/2020 1:10:07 PM

Quant Time: Mar 30 03:35:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	163838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	297009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	123424	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	90027	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	7.74	113	83333	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.19	98	342292	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.49	95	120469	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	49028	45.962	ug/l	99
3) Chloromethane	2.12	50	81536	42.585	ug/l	99
4) Vinyl Chloride	2.26	62	88304	45.347	ug/l	100
5) Bromomethane	2.66	94	59597	46.897	ug/l	99
6) Chloroethane	2.80	64	59129	47.289	ug/l	97
7) Trichlorofluoromethane	3.14	101	125864	47.167	ug/l	98
8) Diethyl Ether	3.55	74	52802	46.718	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	80801	46.152	ug/l	99
10) Methyl Iodide	4.11	142	98501	47.315	ug/l	100
11) Tert butyl alcohol	4.97	59	51298	240.342	ug/l	98
12) 1,1-Dichloroethene	3.89	96	83788	47.131	ug/l	96
13) Acrolein	3.74	56	78423	293.979	ug/l	100
14) Allyl chloride	4.50	41	155569	47.801	ug/l	98
15) Acrylonitrile	5.19	53	144668	244.206	ug/l	99
16) Acetone	3.97	43	129098	253.705	ug/l	99
17) Carbon Disulfide	4.21	76	274512	46.529	ug/l	99
18) Methyl Acetate	4.50	43	64355	48.704	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	240629	48.520	ug/l	99
20) Methylene Chloride	4.74	84	98307	46.282	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	96081	47.467	ug/l	96
22) Diisopropyl ether	6.14	45	325786	48.915	ug/l	97
23) Vinyl Acetate	6.08	43	1087045	248.899	ug/l	99
24) 1,1-Dichloroethane	6.04	63	168718	47.644	ug/l	98
25) 2-Butanone	7.00	43	197254	252.455	ug/l	98
26) 2,2-Dichloropropane	7.00	77	141958	48.674	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	106886	47.999	ug/l	98
28) Bromochloromethane	7.35	49	82329	50.924	ug/l	99
29) Tetrahydrofuran	7.36	42	128289	250.429	ug/l	99
30) Chloroform	7.52	83	162843	48.514	ug/l	99
31) Cyclohexane	7.80	56	171683	45.498	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	135164	48.229	ug/l	99
36) 1,1-Dichloropropene	7.93	75	135166	48.114	ug/l	100
37) Ethyl Acetate	7.09	43	85149	50.156	ug/l	99
38) Carbon Tetrachloride	7.92	117	117238	49.188	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	180128	48.882	ug/l	99
40) Benzene	8.18	78	401422	48.239	ug/l	100
41) Methacrylonitrile	7.33	41	36708m	42.747	ug/l	
42) 1,2-Dichloroethane	8.25	62	107844	48.814	ug/l	99
43) Isopropyl Acetate	8.28	43	158947	50.445	ug/l	99
44) Trichloroethene	8.95	130	98228	48.969	ug/l	94
45) 1,2-Dichloropropane	9.23	63	103829	49.003	ug/l	100
46) Dibromomethane	9.32	93	54253	49.858	ug/l	99
47) Bromodichloromethane	9.51	83	125161	49.409	ug/l	97
48) Methyl methacrylate	9.30	41	71410	50.573	ug/l	99
49) 1,4-Dioxane	9.30	88	14819	992.434	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	419240	258.395	ug/l	100
52) Toluene	10.25	92	246286	48.934	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	142050	50.523	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	164937	49.825	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	78647	48.834	ug/l	98
56) Ethyl methacrylate	10.52	69	121514	51.658	ug/l	98
57) 1,3-Dichloropropane	10.80	76	140773	49.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	322089	266.479	ug/l	99
59) 2-Hexanone	10.84	43	293266	256.598	ug/l	99
60) Dibromochloromethane	10.99	129	86947	51.593	ug/l	99
61) 1,2-Dibromoethane	11.10	107	74698	49.554	ug/l	99
64) Tetrachloroethene	10.73	164	81266	49.456	ug/l	94
65) Chlorobenzene	11.52	112	255102	49.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	87007	50.165	ug/l	99
67) Ethyl Benzene	11.60	91	473535	49.180	ug/l	99
68) m/p-Xylenes	11.71	106	354300	99.520	ug/l	99
69) o-Xylene	12.03	106	167122	49.487	ug/l	99
70) Styrene	12.05	104	292763	50.029	ug/l	99
71) Bromoform	12.22	173	49103	51.690	ug/l #	100
73) Isopropylbenzene	12.34	105	452278	49.399	ug/l	100
74) N-amyl acetate	12.15	43	146149	50.612	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	100800	51.163	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	77292m	55.984	ug/l	
77) Bromobenzene	12.62	156	96381	49.313	ug/l	99
78) n-propylbenzene	12.68	91	557488	49.066	ug/l	99
79) 2-Chlorotoluene	12.77	91	309716	49.647	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	375609	49.725	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	37383	52.458	ug/l	100
82) 4-Chlorotoluene	12.86	91	324206	49.318	ug/l	100
83) tert-Butylbenzene	13.08	119	312789	49.608	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	373516	49.560	ug/l	99
85) sec-Butylbenzene	13.26	105	464440	49.731	ug/l	100
86) p-Isopropyltoluene	13.38	119	399478	49.811	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	187868	49.135	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	190787	49.587	ug/l	100
89) n-Butylbenzene	13.70	91	414613	49.618	ug/l	100
90) Hexachloroethane	13.97	117	75661	50.067	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	175011	49.565	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15559	49.301	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	112150	49.278	ug/l	98
94) Hexachlorobutadiene	15.12	225	54452	48.471	ug/l	98
95) Naphthalene	15.25	128	265748	49.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	100341	48.619	ug/l	99

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

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