

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002120.D
 Acq On : 27 Mar 2020 20:43
 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

apatel
 3/30/2020 1:10:27 PM

Quant Time: Mar 30 05:30:21 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	7.80	168	144704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	269058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	250317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	115197	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	82530	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	7.74	113	75491	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.19	98	313658	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.49	95	111240	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	42318	44.711	ug/l	97
3) Chloromethane	2.12	50	74818	44.243	ug/l	100
4) Vinyl Chloride	2.26	62	77965	45.332	ug/l	98
5) Bromomethane	2.66	94	56965	50.753	ug/l	99
6) Chloroethane	2.81	64	54138	49.023	ug/l	98
7) Trichlorofluoromethane	3.14	101	110253	46.780	ug/l	98
8) Diethyl Ether	3.55	74	48453	48.538	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	71581	46.292	ug/l	99
10) Methyl Iodide	4.11	142	80390	43.721	ug/l	98
11) Tert butyl alcohol	4.98	59	43724	231.944	ug/l	97
12) 1,1-Dichloroethene	3.90	96	74256	47.292	ug/l	92
13) Acrolein	3.75	56	60640	257.375	ug/l	99
14) Allyl chloride	4.50	41	142161	49.457	ug/l	98
15) Acrylonitrile	5.19	53	127694	244.056	ug/l	98
16) Acetone	3.97	43	88924	197.862	ug/l	98
17) Carbon Disulfide	4.21	76	245969	47.203	ug/l	100
18) Methyl Acetate	4.50	43	56088	48.060	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	216980	49.536	ug/l	97
20) Methylene Chloride	4.74	84	91250	48.931	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	87279	48.820	ug/l	99
22) Diisopropyl ether	6.14	45	308138	52.382	ug/l	95
23) Vinyl Acetate	6.08	43	992910	257.407	ug/l	98
24) 1,1-Dichloroethane	6.05	63	157546	50.372	ug/l	99
25) 2-Butanone	7.00	43	158134	229.149	ug/l	99
26) 2,2-Dichloropropane	7.00	77	121055	46.995	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	99147	50.410	ug/l	99
28) Bromochloromethane	7.35	49	77956	54.595	ug/l	98
29) Tetrahydrofuran	7.36	42	111043	245.426	ug/l	99
30) Chloroform	7.52	83	149972	50.588	ug/l	97
31) Cyclohexane	7.80	56	155161	46.557	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	124057	50.120	ug/l	99
36) 1,1-Dichloropropene	7.93	75	122909	48.296	ug/l	99
37) Ethyl Acetate	7.10	43	74956	48.739	ug/l	100
38) Carbon Tetrachloride	7.92	117	106103	49.141	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	160459	48.068	ug/l	99
40) Benzene	8.17	78	373543	49.552	ug/l	98
41) Methacrylonitrile	7.33	41	45879m	58.977	ug/l	
42) 1,2-Dichloroethane	8.25	62	98931	49.432	ug/l	100
43) Isopropyl Acetate	8.28	43	141913	49.717	ug/l	99
44) Trichloroethene	8.95	130	89151	49.061	ug/l	96
45) 1,2-Dichloropropane	9.22	63	97548	50.821	ug/l	96
46) Dibromomethane	9.31	93	49684	50.403	ug/l	98
47) Bromodichloromethane	9.50	83	119189	51.940	ug/l	97
48) Methyl methacrylate	9.30	41	63063	49.301	ug/l	96
49) 1,4-Dioxane	9.31	88	13206	976.288	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	370082	251.792	ug/l	100
52) Toluene	10.25	92	228230	50.057	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	129756	50.945	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	151917	50.660	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	71975	49.334	ug/l	94
56) Ethyl methacrylate	10.52	69	108110	50.735	ug/l	99
57) 1,3-Dichloropropane	10.80	76	129850	50.375	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	274039	250.278	ug/l	100
59) 2-Hexanone	10.84	43	250637	242.080	ug/l	100
60) Dibromochloromethane	10.99	129	77448	50.731	ug/l	99
61) 1,2-Dibromoethane	11.10	107	68587	50.227	ug/l	98
64) Tetrachloroethene	10.72	164	72181	47.131	ug/l	99
65) Chlorobenzene	11.52	112	236312	48.907	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	79902	49.428	ug/l	99
67) Ethyl Benzene	11.60	91	435584	48.537	ug/l	100
68) m/p-Xylenes	11.70	106	324115	97.681	ug/l	99
69) o-Xylene	12.03	106	154639	49.130	ug/l	99
70) Styrene	12.05	104	273873	50.214	ug/l	100
71) Bromoform	12.21	173	43186	48.777	ug/l #	99
73) Isopropylbenzene	12.33	105	415330	48.603	ug/l	100
74) N-amyl acetate	12.15	43	131843	48.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	89002	48.401	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	61748m	47.919	ug/l	
77) Bromobenzene	12.61	156	89483	49.053	ug/l	98
78) n-propylbenzene	12.67	91	512713	48.348	ug/l	99
79) 2-Chlorotoluene	12.76	91	286123	49.141	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	346322	49.122	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	31891	47.947	ug/l	98
82) 4-Chlorotoluene	12.86	91	300051	48.903	ug/l	98
83) tert-Butylbenzene	13.08	119	294951	50.120	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	347937	49.463	ug/l	98
85) sec-Butylbenzene	13.26	105	423871	48.628	ug/l	100
86) p-Isopropyltoluene	13.38	119	367947	49.156	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	175195	49.093	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	174094	48.479	ug/l	99
89) n-Butylbenzene	13.70	91	376578	48.285	ug/l	99
90) Hexachloroethane	13.97	117	70537	50.010	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	160935	48.834	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14059	47.730	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	100582	47.351	ug/l	98
94) Hexachlorobutadiene	15.12	225	48743	46.487	ug/l	99
95) Naphthalene	15.24	128	241792	47.925	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	90044	46.746	ug/l	98

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

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