

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002058.D
 Acq On : 24 Mar 2020 18:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 3/25/2020 10:38:03 AM

Quant Time: Mar 24 19:09:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	141428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	257717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	234477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	111027	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	77984	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	7.74	113	74252	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	10.19	98	296809	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.49	95	107683	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	55517	42.526	ug/l	96
3) Chloromethane	2.12	50	79172	44.982	ug/l	99
4) Vinyl Chloride	2.26	62	81925	45.760	ug/l	97
5) Bromomethane	2.66	94	56830	54.925	ug/l	99
6) Chloroethane	2.80	64	55416	49.275	ug/l	96
7) Trichlorofluoromethane	3.14	101	117731	48.489	ug/l	96
8) Diethyl Ether	3.55	74	48350	50.525	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.92	101	76402	48.923	ug/l	99
10) Methyl Iodide	4.11	142	84626	46.859	ug/l	100
11) Tert butyl alcohol	4.98	59	39971	254.833	ug/l	97
12) 1,1-Dichloroethene	3.90	96	76321	48.537	ug/l	99
13) Acrolein	3.75	56	53024	249.915	ug/l	97
14) Allyl chloride	4.50	41	145338	52.137	ug/l	97
15) Acrylonitrile	5.19	53	136102	266.156	ug/l	99
16) Acetone	3.97	43	102292	232.611	ug/l	99
17) Carbon Disulfide	4.21	76	226650	42.878	ug/l	100
18) Methyl Acetate	4.50	43	61413	54.352	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	228346	53.588	ug/l	97
20) Methylene Chloride	4.74	84	90845	48.201	ug/l	91
21) trans-1,2-Dichloroethene	5.24	96	87088	48.796	ug/l	99
22) Diisopropyl ether	6.14	45	311194	54.461	ug/l	97
23) Vinyl Acetate	6.09	43	1017348	271.584	ug/l	99
24) 1,1-Dichloroethane	6.05	63	161462	52.179	ug/l	99
25) 2-Butanone	7.01	43	173797	259.884	ug/l	100
26) 2,2-Dichloropropane	7.01	77	131665	51.842	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	100313	51.670	ug/l	98
28) Bromochloromethane	7.36	49	77242	55.380	ug/l	99
29) Tetrahydrofuran	7.37	42	118776	267.458	ug/l	98
30) Chloroform	7.53	83	155589	53.518	ug/l	97
31) Cyclohexane	7.80	56	152704	46.025	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	130899	53.421	ug/l	99
36) 1,1-Dichloropropene	7.94	75	124072	50.029	ug/l	99
37) Ethyl Acetate	7.10	43	78029	54.135	ug/l	99
38) Carbon Tetrachloride	7.92	117	111141	52.460	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	156089	47.453	ug/l	98
40) Benzene	8.18	78	377562	51.364	ug/l	99
41) Methacrylonitrile	7.34	41	35918m	55.371	ug/l	
42) 1,2-Dichloroethane	8.25	62	103070	54.414	ug/l	99
43) Isopropyl Acetate	8.29	43	149067	54.624	ug/l	98
44) Trichloroethene	8.96	130	90527	50.567	ug/l	99
45) 1,2-Dichloropropane	9.23	63	98805	53.470	ug/l	98
46) Dibromomethane	9.32	93	50149	52.664	ug/l	98
47) Bromodichloromethane	9.51	83	120626	54.456	ug/l	98
48) Methyl methacrylate	9.31	41	66113	54.597	ug/l	96
49) 1,4-Dioxane	9.31	88	14017	1074.254	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	390757	277.998	ug/l	98
52) Toluene	10.25	92	231423	51.825	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	131636	54.546	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	154213	53.678	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	75650	54.284	ug/l	98
56) Ethyl methacrylate	10.52	69	110364	54.029	ug/l	95
57) 1,3-Dichloropropane	10.80	76	130891	52.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	178486	249.947	ug/l	99
59) 2-Hexanone	10.85	43	270701	269.822	ug/l	99
60) Dibromochloromethane	11.00	129	80653	54.923	ug/l	100
61) 1,2-Dibromoethane	11.10	107	69711	52.808	ug/l	99
64) Tetrachloroethene	10.73	164	74538	50.691	ug/l	98
65) Chlorobenzene	11.52	112	237977	50.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	81762	53.365	ug/l	99
67) Ethyl Benzene	11.60	91	441092	50.623	ug/l	97
68) m/p-Xylenes	11.71	106	326463	101.342	ug/l	99
69) o-Xylene	12.03	106	156353	51.495	ug/l	99
70) Styrene	12.05	104	276507	53.172	ug/l	99
71) Bromoform	12.22	173	46644	56.137	ug/l #	99
73) Isopropylbenzene	12.34	105	422974	49.905	ug/l	100
74) N-amyl acetate	12.15	43	138677	53.237	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	95200	52.087	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	57567m	43.697	ug/l	
77) Bromobenzene	12.62	156	90339	50.309	ug/l	99
78) n-propylbenzene	12.68	91	519658	49.698	ug/l	100
79) 2-Chlorotoluene	12.77	91	285489	49.419	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	350833	50.281	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	33517	51.391	ug/l	96
82) 4-Chlorotoluene	12.86	91	302590	50.307	ug/l	100
83) tert-Butylbenzene	13.08	119	290451	50.119	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	352747	50.942	ug/l	100
85) sec-Butylbenzene	13.26	105	424940	49.746	ug/l	100
86) p-Isopropyltoluene	13.38	119	366008	49.670	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	174843	49.688	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	175284	49.102	ug/l	99
89) n-Butylbenzene	13.70	91	377027	49.317	ug/l	99
90) Hexachloroethane	13.97	117	69323	49.868	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	161193	50.423	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14858	52.096	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	100760	48.602	ug/l	97
94) Hexachlorobutadiene	15.12	225	48936	48.415	ug/l	99
95) Naphthalene	15.24	128	248233	50.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	90240	49.410	ug/l	99

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

