

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000892.D
 Acq On : 05 Dec 2019 19:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/6/2019 10:01:40 AM

Quant Time: Dec 06 05:40:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	329486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	595020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	524829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	179379	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	7.74	113	177473	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.18	98	712838	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.48	95	249135	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	149387	42.119	ug/l	98
3) Chloromethane	2.11	50	188278	43.064	ug/l	100
4) Vinyl Chloride	2.25	62	191469	44.436	ug/l	99
5) Bromomethane	2.65	94	119967	45.800	ug/l	93
6) Chloroethane	2.80	64	121695	46.064	ug/l	96
7) Trichlorofluoromethane	3.13	101	286951	48.594	ug/l	92
8) Diethyl Ether	3.54	74	120808	54.356	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	180817	49.584	ug/l	99
10) Methyl Iodide	4.10	142	240497	52.381	ug/l	98
11) Tert butyl alcohol	4.97	59	88912	252.423	ug/l	99
12) 1,1-Dichloroethene	3.88	96	186101	51.514	ug/l	93
13) Acrolein	3.74	56	86130	248.232	ug/l	97
14) Allyl chloride	4.49	41	309232	49.921	ug/l	97
15) Acrylonitrile	5.18	53	306595	267.147	ug/l	98
16) Acetone	3.96	43	202681	252.361	ug/l	99
17) Carbon Disulfide	4.20	76	566719	48.503	ug/l	99
18) Methyl Acetate	4.49	43	178687	53.209	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	522068	54.111	ug/l	99
20) Methylene Chloride	4.72	84	224099	52.934	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	209493	51.019	ug/l	96
22) Diisopropyl ether	6.13	45	652701	51.267	ug/l	99
23) Vinyl Acetate	6.07	43	2017439	260.654	ug/l	99
24) 1,1-Dichloroethane	6.03	63	360379	51.357	ug/l	97
25) 2-Butanone	7.00	43	369770	249.236	ug/l	94
26) 2,2-Dichloropropane	6.99	77	285746	48.383	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	234110	52.744	ug/l	97
28) Bromochloromethane	7.35	49	148609	57.448	ug/l	98
29) Tetrahydrofuran	7.36	42	261038	265.519	ug/l	100
30) Chloroform	7.52	83	349749	49.685	ug/l	98
31) Cyclohexane	7.79	56	349273	46.986	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	291480	50.145	ug/l	99
36) 1,1-Dichloropropene	7.92	75	280206	47.362	ug/l	99
37) Ethyl Acetate	7.09	43	167844	49.133	ug/l	99
38) Carbon Tetrachloride	7.91	117	252407	47.906	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	371733	47.425	ug/l	99
40) Benzene	8.17	78	853317	49.516	ug/l	100
41) Methacrylonitrile	7.33	41	86905m	48.267	ug/l	
42) 1,2-Dichloroethane	8.25	62	222221	49.032	ug/l	99
43) Isopropyl Acetate	8.28	43	313520	48.701	ug/l	97
44) Trichloroethene	8.94	130	224318	50.649	ug/l	94
45) 1,2-Dichloropropane	9.22	63	221643	51.203	ug/l	95
46) Dibromomethane	9.31	93	116042	51.308	ug/l	99
47) Bromodichloromethane	9.50	83	273725	51.519	ug/l	98
48) Methyl methacrylate	9.30	41	142273	50.258	ug/l	94
49) 1,4-Dioxane	9.30	88	32493	1013.935	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	834477	250.881	ug/l	99
52) Toluene	10.24	92	523831	49.094	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	297943	52.196	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	351601	52.112	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	172451	51.609	ug/l	96
56) Ethyl methacrylate	10.51	69	255054	53.357	ug/l	98
57) 1,3-Dichloropropane	10.79	76	299827	51.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	468820	243.239	ug/l	98
59) 2-Hexanone	10.83	43	578004	238.479	ug/l	98
60) Dibromochloromethane	10.99	129	189215	52.601	ug/l	99
61) 1,2-Dibromoethane	11.09	107	167614	53.225	ug/l	97
64) Tetrachloroethene	10.72	164	232043	50.888	ug/l	96
65) Chlorobenzene	11.51	112	547339	50.172	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	193082	52.518	ug/l	100
67) Ethyl Benzene	11.59	91	1006413	49.534	ug/l	99
68) m/p-Xylenes	11.70	106	755421	99.058	ug/l	100
69) o-Xylene	12.03	106	359265	50.526	ug/l	100
70) Styrene	12.04	104	625481	51.373	ug/l	99
71) Bromoform	12.20	173	111444	53.746	ug/l	# 99
73) Isopropylbenzene	12.33	105	952488	49.292	ug/l	100
74) N-amyl acetate	12.14	43	274174	50.977	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	194535	51.094	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	164806m	59.938	ug/l	
77) Bromobenzene	12.61	156	214379	51.182	ug/l	99
78) n-propylbenzene	12.67	91	1169074	49.550	ug/l	100
79) 2-Chlorotoluene	12.75	91	641891	49.245	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	799340	49.961	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	72128	51.527	ug/l	99
82) 4-Chlorotoluene	12.85	91	676538	50.379	ug/l	99
83) tert-Butylbenzene	13.07	119	651359	48.424	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	794689	49.647	ug/l	99
85) sec-Butylbenzene	13.25	105	966497	49.405	ug/l	99
86) p-Isopropyltoluene	13.36	119	836590	49.167	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	409746	49.867	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	409088	50.282	ug/l	99
89) n-Butylbenzene	13.69	91	841215	48.898	ug/l	100
90) Hexachloroethane	13.95	117	160365	51.162	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	378100	51.157	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	33014	51.793	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	254090	50.805	ug/l	99
94) Hexachlorobutadiene	15.11	225	123234	49.699	ug/l	99
95) Naphthalene	15.23	128	623353	53.678	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	228714	51.198	ug/l	99

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

