

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
 Data File : VY000793.D
 Acq On : 26 Nov 2019 10:45
 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
 11/27/2019 5:14:25 PM

Quant Time: Nov 26 11:40:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	329051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	565716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	508239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	235197	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	172568	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.72	113	170478	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	10.18	98	691868	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
62) 4-Bromofluorobenzene	12.48	95	245369	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	146592	45.256	ug/l	97
3) Chloromethane	2.12	50	185839	41.648	ug/l	95
4) Vinyl Chloride	2.26	62	188179	45.414	ug/l	98
5) Bromomethane	2.65	94	113913	45.844	ug/l	94
6) Chloroethane	2.80	64	120531	46.477	ug/l	96
7) Trichlorofluoromethane	3.13	101	277467	49.584	ug/l	96
8) Diethyl Ether	3.53	74	108744	54.690	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	178003	52.615	ug/l	96
10) Methyl Iodide	4.10	142	223661	50.212	ug/l	98
11) Tert butyl alcohol	4.96	59	84418	254.670	ug/l	98
12) 1,1-Dichloroethene	3.88	96	174496	53.089	ug/l	93
13) Acrolein	3.74	56	67388	233.389	ug/l	99
14) Allyl chloride	4.49	41	297671	55.696	ug/l	94
15) Acrylonitrile	5.18	53	283634	278.462	ug/l	99
16) Acetone	3.96	43	213133	227.093	ug/l	93
17) Carbon Disulfide	4.20	76	518353	50.001	ug/l	98
18) Methyl Acetate	4.48	43	161294	55.272	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	492369	53.877	ug/l	97
20) Methylene Chloride	4.72	84	202612	50.382	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	196215	52.804	ug/l	96
22) Diisopropyl ether	6.13	45	629330	54.174	ug/l	93
23) Vinyl Acetate	6.07	43	1911127	260.616	ug/l	97
24) 1,1-Dichloroethane	6.02	63	347108	55.155	ug/l	99
25) 2-Butanone	7.00	43	395489	264.042	ug/l	100
26) 2,2-Dichloropropane	6.99	77	298488	51.900	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	222500	54.760	ug/l	99
28) Bromochloromethane	7.35	49	149315	51.858	ug/l	99
29) Tetrahydrofuran	7.35	42	234749	256.188	ug/l	95
30) Chloroform	7.52	83	341265	53.604	ug/l	97
31) Cyclohexane	7.79	56	335772	50.940	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	294811	51.959	ug/l	98
36) 1,1-Dichloropropene	7.93	75	276810	51.759	ug/l	98
37) Ethyl Acetate	7.08	43	148650	46.817	ug/l #	93
38) Carbon Tetrachloride	7.91	117	253564	49.274	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	364719	52.787	ug/l	99
40) Benzene	8.17	78	814214	51.930	ug/l	99
41) Methacrylonitrile	7.33	41	110232m	62.233	ug/l	
42) 1,2-Dichloroethane	8.25	62	211451	47.549	ug/l	97
43) Isopropyl Acetate	8.28	43	300195	50.330	ug/l	97
44) Trichloroethene	8.94	130	213332	51.604	ug/l	99
45) 1,2-Dichloropropane	9.22	63	209216	54.216	ug/l	96
46) Dibromomethane	9.31	93	108417	51.086	ug/l	98
47) Bromodichloromethane	9.50	83	259982	51.628	ug/l	98
48) Methyl methacrylate	9.30	41	130177	49.952	ug/l	94
49) 1,4-Dioxane	9.30	88	29174	1021.411	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	787769	248.416	ug/l	94
52) Toluene	10.25	92	503705	50.813	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	283906	52.764	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	335674	54.457	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	160905	52.419	ug/l	97
56) Ethyl methacrylate	10.51	69	238690	54.863	ug/l #	90
57) 1,3-Dichloropropane	10.79	76	282945	52.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	522375	265.586	ug/l	98
59) 2-Hexanone	10.83	43	606661	262.567	ug/l	94
60) Dibromochloromethane	10.99	129	181523	51.628	ug/l	98
61) 1,2-Dibromoethane	11.09	107	150904	51.130	ug/l	97
64) Tetrachloroethene	10.72	164	219889	52.323	ug/l	97
65) Chlorobenzene	11.52	112	532365	51.664	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	184996	51.765	ug/l	97
67) Ethyl Benzene	11.59	91	983758	51.873	ug/l	98
68) m/p-Xylenes	11.70	106	734621	100.083	ug/l	96
69) o-Xylene	12.03	106	346081	50.168	ug/l	99
70) Styrene	12.04	104	602690	51.021	ug/l	99
71) Bromoform	12.20	173	105843	51.492	ug/l #	99
73) Isopropylbenzene	12.33	105	955925	54.992	ug/l	100
74) N-amyl acetate	12.14	43	257135	51.650	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	184652	53.649	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	142494m	53.208	ug/l	
77) Bromobenzene	12.61	156	205200	52.056	ug/l	96
78) n-propylbenzene	12.67	91	1147740	54.722	ug/l	99
79) 2-Chlorotoluene	12.75	91	633797	54.432	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	782496	54.050	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	72127	60.387	ug/l	90
82) 4-Chlorotoluene	12.85	91	660486	54.722	ug/l	98
83) tert-Butylbenzene	13.08	119	666837	53.946	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	788429	54.697	ug/l	99
85) sec-Butylbenzene	13.25	105	977329	55.495	ug/l	100
86) p-Isopropyltoluene	13.37	119	845550	53.870	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	402077	52.076	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	404659	52.449	ug/l	99
89) n-Butylbenzene	13.70	91	857347	55.380	ug/l	99
90) Hexachloroethane	13.96	117	161767	55.748	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	368690	52.630	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31784	52.179	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	246701	51.720	ug/l	99
94) Hexachlorobutadiene	15.11	225	126150	51.306	ug/l	97
95) Naphthalene	15.23	128	575393	54.339	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	216601	50.615	ug/l	99

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

