

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
 Data File : VY000129.D
 Acq On : 23 Sep 2019 12:31
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:39:46 AM

Quant Time: Sep 24 05:15:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 04:45:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	113052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	212542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	188925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	85738	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	127588	98.18	ug/l	0.00
Spiked Amount			Recovery	=	196.36%	
35) Dibromofluoromethane	7.72	113	118232	96.88	ug/l	0.00
Spiked Amount			Recovery	=	193.76%	
50) Toluene-d8	10.18	98	496436	101.05	ug/l	0.00
Spiked Amount			Recovery	=	202.10%	
62) 4-Bromofluorobenzene	12.48	95	164836	91.23	ug/l	0.00
Spiked Amount			Recovery	=	182.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	100810	89.889	ug/l	94
3) Chloromethane	2.11	50	158269	76.381	ug/l	96
4) Vinyl Chloride	2.25	62	170510	98.099	ug/l	96
5) Bromomethane	2.62	94	96491	89.622	ug/l	99
6) Chloroethane	2.78	64	105052	97.833	ug/l #	88
7) Trichlorofluoromethane	3.12	101	192977	97.202	ug/l	97
8) Diethyl Ether	3.53	74	86047	101.109	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.89	101	130426	99.079	ug/l	99
10) Methyl Iodide	4.08	142	192392	113.924	ug/l	99
11) Tert butyl alcohol	4.97	59	62962	469.274	ug/l #	84
12) 1,1-Dichloroethene	3.87	96	136454	100.362	ug/l	88
13) Acrolein	3.73	56	16937	310.698	ug/l	96
14) Allyl chloride	4.48	41	190913	99.475	ug/l	97
15) Acrylonitrile	5.17	53	202295	490.366	ug/l	98
16) Acetone	3.95	43	121225	479.857	ug/l	100
17) Carbon Disulfide	4.18	76	461561	98.530	ug/l	97
18) Methyl Acetate	4.48	43	93219	100.727	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	354316	100.289	ug/l	96
20) Methylene Chloride	4.71	84	153065	90.161	ug/l	96
21) trans-1,2-Dichloroethene	5.21	96	155856	101.649	ug/l	97
22) Diisopropyl ether	6.12	45	411134	100.477	ug/l	96
23) Vinyl Acetate	6.06	43	1392181	510.531	ug/l	97
24) 1,1-Dichloroethane	6.02	63	238638	97.900	ug/l	100
25) 2-Butanone	6.99	43	228640	487.813	ug/l	96
26) 2,2-Dichloropropane	6.98	77	207482	93.925	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	170756	100.060	ug/l	99
28) Bromochloromethane	7.34	49	99521	104.479	ug/l	99
29) Tetrahydrofuran	7.35	42	159654	503.002	ug/l	98
30) Chloroform	7.51	83	239543	97.613	ug/l	95
31) Cyclohexane	7.78	56	235382	93.123	ug/l	95
32) 1,1,1-Trichloroethane	7.70	97	203393	100.744	ug/l	99
36) 1,1-Dichloropropene	7.92	75	195523	99.353	ug/l	99
37) Ethyl Acetate	7.08	43	103981	100.049	ug/l	99
38) Carbon Tetrachloride	7.90	117	176732	104.636	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	270302	99.865	ug/l	98
40) Benzene	8.16	78	611117	100.616	ug/l	100
41) Methacrylonitrile	7.32	41	53309m	64.634	ug/l	
42) 1,2-Dichloroethane	8.24	62	156671	101.152	ug/l	100
43) Isopropyl Acetate	8.27	43	211197	101.595	ug/l	99
44) Trichloroethene	8.94	130	152558	101.157	ug/l	94
45) 1,2-Dichloropropane	9.22	63	146334	99.748	ug/l	96
46) Dibromomethane	9.31	93	81376	99.741	ug/l	98
47) Bromodichloromethane	9.50	83	191447	102.484	ug/l	96
48) Methyl methacrylate	9.29	41	92301	103.902	ug/l	99
49) 1,4-Dioxane	9.29	88	25767	2000.492	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	542665	512.288	ug/l	100
52) Toluene	10.24	92	380450	101.366	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	205235	100.752	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	239735	101.509	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	117784	100.810	ug/l	97
56) Ethyl methacrylate	10.51	69	173532	105.441	ug/l	100
57) 1,3-Dichloropropane	10.79	76	202445	99.666	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	398884	490.926	ug/l	100
59) 2-Hexanone	10.83	43	384234	517.839	ug/l	99
60) Dibromochloromethane	10.98	129	129187	105.795	ug/l	98
61) 1,2-Dibromoethane	11.09	107	112013	102.010	ug/l	97
64) Tetrachloroethene	10.72	164	139136	96.752	ug/l	94
65) Chlorobenzene	11.51	112	385375	100.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	127348	103.339	ug/l	99
67) Ethyl Benzene	11.59	91	696259	99.875	ug/l	99
68) m/p-Xylenes	11.70	106	542263	201.710	ug/l	98
69) o-Xylene	12.02	106	256748	99.905	ug/l	98
70) Styrene	12.04	104	448301	103.243	ug/l	98
71) Bromoform	12.21	173	71591	102.890	ug/l #	95
73) Isopropylbenzene	12.32	105	669041	98.007	ug/l	100
74) N-amyl acetate	12.14	43	195676	102.848	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	132253	97.032	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	99805m	58.119	ug/l	
77) Bromobenzene	12.60	156	144436	101.183	ug/l	98
78) n-propylbenzene	12.66	91	822020	97.365	ug/l	99
79) 2-Chlorotoluene	12.75	91	451474	97.412	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	565944	99.066	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	53801	98.423	ug/l #	90
82) 4-Chlorotoluene	12.85	91	468890	98.089	ug/l	100
83) tert-Butylbenzene	13.07	119	464361	99.229	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	562699	98.698	ug/l	100
85) sec-Butylbenzene	13.25	105	678845	97.041	ug/l	99
86) p-Isopropyltoluene	13.37	119	584454	97.988	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	280305	100.359	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	283380	99.399	ug/l	99
89) n-Butylbenzene	13.69	91	600265	98.112	ug/l	100
90) Hexachloroethane	13.96	117	114643	97.056	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	254192	96.469	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	23546	93.988	ug/l	94

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93) 1,2,4-Trichlorobenzene	15.00	180	165801	97.867	ug/l	98
94) Hexachlorobutadiene	15.10	225	73158	97.157	ug/l	98
95) Naphthalene	15.23	128	426698	99.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	150673	99.719	ug/l	99

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

