

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090219\
 Data File : VX012014.D
 Acq On : 02 Sep 2019 14:15
 Operator : SY/SP
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

sam
 9/3/2019 2:16:15 PM

Quant Time: Sep 03 05:01:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 04:42:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	388291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	522423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	492663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	296158	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	352739	95.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.32%	
35) Dibromofluoromethane	5.48	113	345606	102.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.90%	
50) Toluene-d8	8.71	98	1239583	102.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.58%	
62) 4-Bromofluorobenzene	11.14	95	500574	94.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	236543	100.224	ug/l	99
3) Chloromethane	1.31	50	245743	92.438	ug/l	100
4) Vinyl Chloride	1.39	62	250910	97.800	ug/l	97
5) Bromomethane	1.62	94	159619	89.602	ug/l	97
6) Chloroethane	1.70	64	157255	98.626	ug/l	100
7) Trichlorofluoromethane	1.91	101	442343	98.743	ug/l	99
8) Diethyl Ether	2.17	74	139137	91.840	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	281603	96.636	ug/l	99
10) Methyl Iodide	2.50	142	352131	129.701	ug/l	100
11) Tert butyl alcohol	3.03	59	143377	414.274	ug/l	99
12) 1,1-Dichloroethene	2.36	96	267991	99.360	ug/l	99
13) Acrolein	2.28	56	24412	146.078	ug/l	98
14) Allyl chloride	2.71	41	462246	93.017	ug/l	99
15) Acrylonitrile	3.12	53	355674	434.138	ug/l	99
16) Acetone	2.43	43	344836	440.782	ug/l	98
17) Carbon Disulfide	2.56	76	804388	103.707	ug/l	100
18) Methyl Acetate	2.76	43	181315	84.824	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	794198	92.289	ug/l	100
20) Methylene Chloride	2.84	84	305638	78.945	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	317287	100.093	ug/l	99
22) Diisopropyl ether	3.84	45	912788	90.264	ug/l	99
23) Vinyl Acetate	3.80	43	2952305	454.767	ug/l	99
24) 1,1-Dichloroethane	3.68	63	527684	93.935	ug/l	99
25) 2-Butanone	4.65	43	500018	444.663	ug/l	99
26) 2,2-Dichloropropane	4.56	77	474324	99.095	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	362732	97.680	ug/l	99
28) Bromochloromethane	5.00	49	210380	84.959	ug/l	100
29) Tetrahydrofuran	5.11	42	307761	438.694	ug/l	99
30) Chloroform	5.19	83	575384	95.441	ug/l	99
31) Cyclohexane	5.56	56	426698	92.925	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	536727	99.299	ug/l	99
36) 1,1-Dichloropropene	5.79	75	414834	100.314	ug/l	100
37) Ethyl Acetate	4.81	43	215378	90.399	ug/l	100
38) Carbon Tetrachloride	5.77	117	505660	104.659	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	490060	98.911	ug/l	99
40) Benzene	6.13	78	1208121	98.839	ug/l	98
41) Methacrylonitrile	5.03	41	128608	91.332	ug/l	99
42) 1,2-Dichloroethane	6.18	62	408225	98.375	ug/l	100
43) Isopropyl Acetate	6.43	43	445257	91.965	ug/l	100
44) Trichloroethene	7.20	130	397428	103.681	ug/l	99
45) 1,2-Dichloropropane	7.51	63	302116	95.027	ug/l	98
46) Dibromomethane	7.65	93	185418	97.830	ug/l	100
47) Bromodichloromethane	7.89	83	463910	98.869	ug/l	97
48) Methyl methacrylate	7.76	41	221108	93.862	ug/l	99
49) 1,4-Dioxane	7.73	88	58160	1805.092	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1101583	448.732	ug/l	100
52) Toluene	8.78	92	819984	100.971	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	471597	98.151	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	527060	97.734	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	264109	95.246	ug/l	99
56) Ethyl methacrylate	9.17	69	365115	95.551	ug/l	100
57) 1,3-Dichloropropane	9.37	76	435352	94.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	797632	445.277	ug/l	100
59) 2-Hexanone	9.48	43	788830	452.028	ug/l	100
60) Dibromochloromethane	9.57	129	376867	100.939	ug/l	99
61) 1,2-Dibromoethane	9.67	107	271000	98.564	ug/l	98
64) Tetrachloroethene	9.33	164	411560	103.460	ug/l	96
65) Chlorobenzene	10.14	112	954470	100.474	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	391114	102.028	ug/l	99
67) Ethyl Benzene	10.25	91	1602094	99.276	ug/l	100
68) m/p-Xylenes	10.36	106	1263149	202.418	ug/l	98
69) o-Xylene	10.70	106	616685	101.556	ug/l	99
70) Styrene	10.71	104	1068167	100.226	ug/l	100
71) Bromoform	10.85	173	280668	103.575	ug/l	98
73) Isopropylbenzene	11.01	105	1636279	96.301	ug/l	99
74) N-amyl acetate	10.89	43	432655	87.788	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	308773	90.343	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	267355m	95.363	ug/l	
77) Bromobenzene	11.25	156	487845	98.965	ug/l	100
78) n-propylbenzene	11.35	91	1855671	96.654	ug/l	100
79) 2-Chlorotoluene	11.42	91	1103654	95.759	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1434601	98.248	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	102168	89.732	ug/l	98
82) 4-Chlorotoluene	11.51	91	1312010	94.466	ug/l	99
83) tert-Butylbenzene	11.77	119	1486057	99.742	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1452289	97.041	ug/l	100
85) sec-Butylbenzene	11.94	105	1683794	97.629	ug/l	99
86) p-Isopropyltoluene	12.06	119	1660311	99.177	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	909076	99.533	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	908982	98.499	ug/l	99
89) n-Butylbenzene	12.39	91	1431772	96.910	ug/l	100
90) Hexachloroethane	12.59	117	318835	98.541	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	827000	97.503	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	61938	91.036	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	721038	100.625	ug/l	99
94) Hexachlorobutadiene	13.78	225	502571	104.022	ug/l	99
95) Naphthalene	13.83	128	1118733	92.549	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	629149	97.421	ug/l	100

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

