

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008610.D
 Acq On : 03 Apr 2019 11:29
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:38:36 PM

Quant Time: Apr 04 04:24:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	197700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	331319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	423662	146.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.84%	
35) Dibromofluoromethane	5.50	113	318741	150.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.94%	
50) Toluene-d8	8.72	98	1253544	148.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.24%	
62) 4-Bromofluorobenzene	11.13	95	446018	149.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	314109	138.028	ug/l	99
3) Chloromethane	1.32	50	407866	129.730	ug/l	99
4) Vinyl Chloride	1.41	62	431911	140.399	ug/l	98
5) Bromomethane	1.64	94	238267	145.226	ug/l	98
6) Chloroethane	1.70	64	237016	109.649	ug/l	99
7) Trichlorofluoromethane	1.91	101	473096	139.121	ug/l	99
8) Diethyl Ether	2.19	74	223723	138.730	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	305951	139.740	ug/l	99
10) Methyl Iodide	2.50	142	315004	174.546	ug/l	99
11) Tert butyl alcohol	3.08	59	472663	700.159	ug/l	100
12) 1,1-Dichloroethene	2.36	96	316570	138.507	ug/l	99
13) Acrolein	2.29	56	237135	708.415	ug/l	99
14) Allyl chloride	2.72	41	737276	140.909	ug/l	99
15) Acrylonitrile	3.15	53	1193377	667.286	ug/l	99
16) Acetone	2.45	43	1115597	671.702	ug/l	99
17) Carbon Disulfide	2.56	76	972205	132.433	ug/l	100
18) Methyl Acetate	2.78	43	538250	133.626	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1174293	143.867	ug/l	100
20) Methylene Chloride	2.85	84	364478	131.104	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	337700	136.597	ug/l	96
22) Diisopropyl ether	3.86	45	1399273	138.752	ug/l	97
23) Vinyl Acetate	3.82	43	6297298	717.800	ug/l	100
24) 1,1-Dichloroethane	3.69	63	706449	141.486	ug/l	99
25) 2-Butanone	4.68	43	1798356	685.082	ug/l	100
26) 2,2-Dichloropropane	4.58	77	522756	148.649	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	393803	138.547	ug/l	99
28) Bromochloromethane	5.02	49	294913	124.448	ug/l	100
29) Tetrahydrofuran	5.13	42	1180821	677.741	ug/l	100
30) Chloroform	5.21	83	624396	140.011	ug/l	98
31) Cyclohexane	5.57	56	687013	137.894	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	530006	147.068	ug/l	99
36) 1,1-Dichloropropene	5.80	75	510212	140.878	ug/l	100
37) Ethyl Acetate	4.84	43	684630	141.624	ug/l	100
38) Carbon Tetrachloride	5.78	117	448048	149.474	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	634117	141.736	ug/l	99
40) Benzene	6.14	78	1525201	141.362	ug/l	100
41) Methacrylonitrile	5.05	41	386423	139.066	ug/l	99
42) 1,2-Dichloroethane	6.19	62	531973	137.532	ug/l	99
43) Isopropyl Acetate	6.45	43	1105945	146.044	ug/l	100
44) Trichloroethene	7.21	130	359901	143.221	ug/l	99
45) 1,2-Dichloropropane	7.51	63	434903	141.224	ug/l	99
46) Dibromomethane	7.66	93	249923	139.928	ug/l	99
47) Bromodichloromethane	7.90	83	505926	150.231	ug/l	99
48) Methyl methacrylate	7.77	41	545422	142.384	ug/l	100
49) 1,4-Dioxane	7.74	88	192418	2681.451	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	3325426	682.163	ug/l	99
52) Toluene	8.79	92	896155	140.886	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	594788	157.671	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	657367	152.506	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	353644	138.505	ug/l	100
56) Ethyl methacrylate	9.18	69	658275	142.492	ug/l	100
57) 1,3-Dichloropropane	9.37	76	632778	138.015	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1717118	727.924	ug/l	99
59) 2-Hexanone	9.49	43	2596623	685.404	ug/l	99
60) Dibromochloromethane	9.59	129	365766	152.021	ug/l	99
61) 1,2-Dibromoethane	9.67	107	372733	140.226	ug/l	99
64) Tetrachloroethene	9.34	164	296783	140.670	ug/l	99
65) Chlorobenzene	10.14	112	895233	141.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	331535	149.714	ug/l	99
67) Ethyl Benzene	10.25	91	1707772	145.091	ug/l	99
68) m/p-Xylenes	10.36	106	1236721	292.227	ug/l	98
69) o-Xylene	10.70	106	590705	144.027	ug/l	99
70) Styrene	10.71	104	1040794	147.219	ug/l	100
71) Bromoform	10.86	173	275298	162.774	ug/l #	98
73) Isopropylbenzene	11.02	105	1572364	136.186	ug/l	100
74) N-amyl acetate	10.90	43	969547	142.731	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	582586	132.677	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	478131m	116.089	ug/l	
77) Bromobenzene	11.26	156	378827	136.485	ug/l	99
78) n-propylbenzene	11.36	91	1862094	138.513	ug/l	100
79) 2-Chlorotoluene	11.42	91	1083673	133.205	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1347454	139.033	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	221537	159.562	ug/l	95
82) 4-Chlorotoluene	11.51	91	1294825	137.499	ug/l	99
83) tert-Butylbenzene	11.77	119	1319595	141.525	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1351437	137.713	ug/l	99
85) sec-Butylbenzene	11.94	105	1555374	140.436	ug/l	99
86) p-Isopropyltoluene	12.07	119	1411252	141.968	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	684037	137.663	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	692741	137.678	ug/l	99
89) n-Butylbenzene	12.39	91	1381583	148.199	ug/l	99
90) Hexachloroethane	12.60	117	251248	152.387	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	681639	138.164	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	140060	144.999	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	496172	144.646	ug/l	99
94) Hexachlorobutadiene	13.78	225	239917	145.838	ug/l	100
95) Naphthalene	13.83	128	1646148	143.585	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	489654	142.870	ug/l	99

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

