

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009908.D
 Acq On : 28 May 2019 11:54
 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
 5/29/2019 9:24:58 AM

Quant Time: May 29 03:59:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	144394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	250655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	236692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118268	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	330649	169.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	338.42%	
35) Dibromofluoromethane	5.50	113	234511	150.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	300.32%	
50) Toluene-d8	8.71	98	954715	151.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	302.14%	
62) 4-Bromofluorobenzene	11.13	95	358290	155.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	311.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	258332	179.520	ug/l	100
3) Chloromethane	1.32	50	372750	195.443	ug/l	100
4) Vinyl Chloride	1.41	62	317921	172.771	ug/l	100
5) Bromomethane	1.64	94	233006	211.297	ug/l	99
6) Chloroethane	1.70	64	210469	181.030	ug/l	99
7) Trichlorofluoromethane	1.92	101	329058	149.493	ug/l	98
8) Diethyl Ether	2.19	74	175610	170.450	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	186296	136.347	ug/l	100
10) Methyl Iodide	2.50	142	288139	198.925	ug/l	100
11) Tert butyl alcohol	3.08	59	409203	885.682	ug/l	100
12) 1,1-Dichloroethene	2.36	96	211982	154.948	ug/l	98
13) Acrolein	2.29	56	290886	722.643	ug/l	100
14) Allyl chloride	2.72	41	573367	170.887	ug/l	100
15) Acrylonitrile	3.15	53	992533	880.115	ug/l	100
16) Acetone	2.45	43	962565	893.424	ug/l	100
17) Carbon Disulfide	2.56	76	666936	171.340	ug/l	99
18) Methyl Acetate	2.78	43	433571	170.874	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	922087	174.283	ug/l	100
20) Methylene Chloride	2.85	84	286070	165.849	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	242832	164.069	ug/l	99
22) Diisopropyl ether	3.86	45	1112283	173.265	ug/l #	85
23) Vinyl Acetate	3.82	43	5185195	939.123	ug/l	99
24) 1,1-Dichloroethane	3.70	63	518768	164.220	ug/l	99
25) 2-Butanone	4.68	43	1543862	924.097	ug/l	99
26) 2,2-Dichloropropane	4.58	77	385666	163.855	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	294407	167.178	ug/l	98
28) Bromochloromethane	5.02	49	254958	178.119	ug/l	100
29) Tetrahydrofuran	5.13	42	990240	923.160	ug/l	100
30) Chloroform	5.21	83	472866	165.872	ug/l	100
31) Cyclohexane	5.57	56	430186	144.596	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	372563	156.617	ug/l	99
36) 1,1-Dichloropropene	5.80	75	342803	145.378	ug/l	100
37) Ethyl Acetate	4.84	43	571079	172.695	ug/l	100
38) Carbon Tetrachloride	5.78	117	306173	142.992	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	386889	133.202	ug/l	98
40) Benzene	6.14	78	1128593	155.039	ug/l	100
41) Methacrylonitrile	5.05	41	328205	167.702	ug/l	99
42) 1,2-Dichloroethane	6.19	62	421137	160.635	ug/l	100
43) Isopropyl Acetate	6.45	43	934409	177.263	ug/l	100
44) Trichloroethene	7.21	130	260918	148.474	ug/l	100
45) 1,2-Dichloropropane	7.51	63	331460	160.838	ug/l	96
46) Dibromomethane	7.66	93	192387	160.843	ug/l	99
47) Bromodichloromethane	7.90	83	396612	166.535	ug/l	99
48) Methyl methacrylate	7.77	41	471906	179.829	ug/l	100
49) 1,4-Dioxane	7.74	88	158444	3017.735	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	2894498	837.953	ug/l	99
52) Toluene	8.79	92	692285	156.407	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	493539	182.101	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	519581	173.875	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	291033	162.003	ug/l	98
56) Ethyl methacrylate	9.18	69	550658	170.494	ug/l	100
57) 1,3-Dichloropropane	9.37	76	517472	162.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1393481	821.800	ug/l	100
59) 2-Hexanone	9.49	43	2273836	838.915	ug/l	99
60) Dibromochloromethane	9.59	129	305124	173.235	ug/l	99
61) 1,2-Dibromoethane	9.67	107	305835	168.376	ug/l	99
64) Tetrachloroethene	9.34	164	224559	137.246	ug/l	98
65) Chlorobenzene	10.14	112	733383	153.939	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	271227	157.238	ug/l	99
67) Ethyl Benzene	10.25	91	1335517	152.270	ug/l	99
68) m/p-Xylenes	10.36	106	984963	307.012	ug/l	98
69) o-Xylene	10.70	106	478058	151.122	ug/l	99
70) Styrene	10.71	104	860404	156.888	ug/l	100
71) Bromoform	10.86	173	240270	171.138	ug/l #	99
73) Isopropylbenzene	11.02	105	1229742	142.106	ug/l	100
74) N-amyl acetate	10.90	43	841132	166.138	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	486426	151.505	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	404095m	146.318	ug/l	
77) Bromobenzene	11.26	156	322221	150.191	ug/l	98
78) n-propylbenzene	11.36	91	1441520	145.586	ug/l	100
79) 2-Chlorotoluene	11.42	91	880351	144.042	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1073596	147.136	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	190710	175.757	ug/l	97
82) 4-Chlorotoluene	11.51	91	1040755	150.596	ug/l	99
83) tert-Butylbenzene	11.77	119	1039702	146.742	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1090880	148.934	ug/l	100
85) sec-Butylbenzene	11.94	105	1164803	138.624	ug/l	100
86) p-Isopropyltoluene	12.07	119	1090488	144.204	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	578719	151.405	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	577959	149.906	ug/l	100
89) n-Butylbenzene	12.38	91	1035522	150.848	ug/l	99
90) Hexachloroethane	12.60	117	200017	155.522	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	579788	149.408	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	117756	163.529	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	422295	158.685	ug/l	100
94) Hexachlorobutadiene	13.78	225	183215	134.484	ug/l	99
95) Naphthalene	13.83	128	1373970	159.847	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	422037	156.821	ug/l	100

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

