

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008624.D
 Acq On : 04 Apr 2019 09:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 11:11:41 AM

Quant Time: Apr 05 07:17:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	210278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	343282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	309357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149959	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	154714	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	5.49	113	115691	52.71	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	8.71	98	468689	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
62) 4-Bromofluorobenzene	11.13	95	175764	56.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.44%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	131494	54.326	ug/l	98
3) Chloromethane	1.32	50	173574	58.811	ug/l	99
4) Vinyl Chloride	1.41	62	169787	51.890	ug/l	98
5) Bromomethane	1.64	94	78423	48.705	ug/l	100
6) Chloroethane	1.71	64	100212	56.471	ug/l	97
7) Trichlorofluoromethane	1.92	101	192449	53.207	ug/l	99
8) Diethyl Ether	2.18	74	89364	52.100	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119018	51.109	ug/l	98
10) Methyl Iodide	2.51	142	119668	55.909	ug/l	99
11) Tert butyl alcohol	3.05	59	184333	256.721	ug/l	100
12) 1,1-Dichloroethene	2.37	96	120667	49.637	ug/l	97
13) Acrolein	2.29	56	92824	260.715	ug/l	99
14) Allyl chloride	2.72	41	293977	52.825	ug/l	100
15) Acrylonitrile	3.14	53	472972	248.647	ug/l	100
16) Acetone	2.44	43	485323	274.734	ug/l	99
17) Carbon Disulfide	2.57	76	384630	54.862	ug/l	99
18) Methyl Acetate	2.77	43	206033	48.090	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	461771	53.189	ug/l	100
20) Methylene Chloride	2.85	84	149811	50.664	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	135017	51.347	ug/l	95
22) Diisopropyl ether	3.85	45	565214	52.694	ug/l	99
23) Vinyl Acetate	3.81	43	2492283	267.091	ug/l	99
24) 1,1-Dichloroethane	3.69	63	279527	52.634	ug/l	99
25) 2-Butanone	4.67	43	745029	266.841	ug/l	100
26) 2,2-Dichloropropane	4.58	77	205508	54.942	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	154895	51.235	ug/l	100
28) Bromochloromethane	5.01	49	131191	59.726	ug/l	98
29) Tetrahydrofuran	5.12	42	448084	241.798	ug/l	100
30) Chloroform	5.21	83	249162	52.529	ug/l	100
31) Cyclohexane	5.57	56	276929	52.259	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	206509	53.875	ug/l	100
36) 1,1-Dichloropropene	5.79	75	201536	53.708	ug/l	100
37) Ethyl Acetate	4.83	43	262532	52.415	ug/l	100
38) Carbon Tetrachloride	5.78	117	172569	55.565	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	255096	55.031	ug/l	99
40) Benzene	6.13	78	601699	53.825	ug/l	99
41) Methacrylonitrile	5.04	41	151271	52.542	ug/l	99
42) 1,2-Dichloroethane	6.19	62	211325	52.730	ug/l	100
43) Isopropyl Acetate	6.44	43	422932	53.903	ug/l	100
44) Trichloroethene	7.21	130	141644	54.402	ug/l	98
45) 1,2-Dichloropropane	7.51	63	170608	53.470	ug/l	99
46) Dibromomethane	7.66	93	96430	52.108	ug/l	99
47) Bromodichloromethane	7.89	83	196845	56.415	ug/l	99
48) Methyl methacrylate	7.76	41	216310	54.500	ug/l	100
49) 1,4-Dioxane	7.74	88	79981	1075.737	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1382753	273.767	ug/l	100
52) Toluene	8.78	92	360466	54.694	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	228336	58.420	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	255183	57.138	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	143685	54.313	ug/l	98
56) Ethyl methacrylate	9.18	69	271865	56.798	ug/l	100
57) 1,3-Dichloropropane	9.37	76	258233	54.360	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	559911	229.087	ug/l	100
59) 2-Hexanone	9.49	43	1103103	281.028	ug/l	100
60) Dibromochloromethane	9.58	129	143189	57.439	ug/l	99
61) 1,2-Dibromoethane	9.67	107	149052	54.121	ug/l	99
64) Tetrachloroethene	9.34	164	122488	53.441	ug/l	99
65) Chlorobenzene	10.13	112	369384	53.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	130659	54.312	ug/l	99
67) Ethyl Benzene	10.25	91	701376	54.851	ug/l	98
68) m/p-Xylenes	10.35	106	509411	110.799	ug/l	100
69) o-Xylene	10.69	106	248299	55.728	ug/l	99
70) Styrene	10.71	104	437775	56.999	ug/l	99
71) Bromoform	10.85	173	107618	58.572	ug/l #	97
73) Isopropylbenzene	11.02	105	655214	52.723	ug/l	99
74) N-amyl acetate	10.90	43	380241	52.005	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	234282	49.569	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	207840m	50.453	ug/l	
77) Bromobenzene	11.25	156	158081	52.913	ug/l	100
78) n-propylbenzene	11.36	91	787309	54.409	ug/l	100
79) 2-Chlorotoluene	11.42	91	461980	52.757	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	564731	54.135	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	83635	55.964	ug/l	99
82) 4-Chlorotoluene	11.51	91	538216	53.098	ug/l	99
83) tert-Butylbenzene	11.77	119	538254	53.631	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	569388	53.904	ug/l	99
85) sec-Butylbenzene	11.94	105	651707	54.668	ug/l	100
86) p-Isopropyltoluene	12.06	119	592101	55.337	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	286657	53.596	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	285576	52.729	ug/l	99
89) n-Butylbenzene	12.38	91	571528	56.956	ug/l	100
90) Hexachloroethane	12.59	117	100921	56.867	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	280155	52.756	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51504	49.536	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	200163	54.212	ug/l	99
94) Hexachlorobutadiene	13.78	225	97820	55.242	ug/l	99
95) Naphthalene	13.83	128	643252	52.126	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	195120	52.892	ug/l	99

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

