

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031219\
 Data File : VX008033.D
 Acq On : 12 Mar 2019 22:46
 Operator : JC/SP
 Sample : K1828-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619MS

Manual Integrations
 APPROVED

MMDadoda
 3/13/2019 10:14:09 AM

Quant Time: Mar 13 06:55:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145723	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	119922	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	5.50	113	107225	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	8.71	98	403511	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
62) 4-Bromofluorobenzene	11.13	95	141809	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	87886	46.263	ug/l	100
3) Chloromethane	1.33	50	114669	46.839	ug/l	99
4) Vinyl Chloride	1.41	62	119429	49.097	ug/l	99
5) Bromomethane	1.64	94	61814	54.246	ug/l	100
6) Chloroethane	1.72	64	73937	45.754	ug/l	99
7) Trichlorofluoromethane	1.93	101	152438	48.132	ug/l	99
8) Diethyl Ether	2.19	74	67178	48.984	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	93218	47.497	ug/l	99
10) Methyl Iodide	2.51	142	146783	52.719	ug/l	99
11) Tert butyl alcohol	3.07	59	136427	260.078	ug/l	100
12) 1,1-Dichloroethene	2.37	96	89674	47.401	ug/l	97
13) Acrolein	2.30	56	92976	312.815	ug/l	98
14) Allyl chloride	2.73	41	179598	45.178	ug/l	99
15) Acrylonitrile	3.15	53	317627	239.891	ug/l	100
16) Acetone	2.45	43	258295	190.249	ug/l	100
17) Carbon Disulfide	2.57	76	267831	46.590	ug/l	100
18) Methyl Acetate	2.78	43	130735	45.326	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	327035	50.249	ug/l	100
20) Methylene Chloride	2.86	84	105619	48.881	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	98345	47.245	ug/l	97
22) Diisopropyl ether	3.87	45	351356	48.216	ug/l	98
23) Vinyl Acetate	3.82	43	1312631	205.410	ug/l	99
24) 1,1-Dichloroethane	3.70	63	190210	48.504	ug/l	99
25) 2-Butanone	4.70	43	442922	230.436	ug/l	99
26) 2,2-Dichloropropane	4.59	77	112171	43.175	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	116724	49.003	ug/l	97
28) Bromochloromethane	5.02	49	88812	48.577	ug/l	98
29) Tetrahydrofuran	5.15	42	294256	245.429	ug/l	98
30) Chloroform	5.21	83	185861	50.103	ug/l	99
31) Cyclohexane	5.57	56	171733	47.648	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	157226	51.083	ug/l	98
36) 1,1-Dichloropropene	5.80	75	139168	47.321	ug/l	100
37) Ethyl Acetate	4.85	43	148273	42.485	ug/l	99
38) Carbon Tetrachloride	5.78	117	136995	49.066	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170722	47.907	ug/l	98
40) Benzene	6.14	78	431800	49.318	ug/l	100
41) Methacrylonitrile	5.06	41	94468	49.648	ug/l	99
42) 1,2-Dichloroethane	6.20	62	140538	49.083	ug/l	100
43) Isopropyl Acetate	6.46	43	238344	46.145	ug/l	99
44) Trichloroethene	7.21	130	119012	49.325	ug/l	99
45) 1,2-Dichloropropane	7.52	63	115444	49.923	ug/l	99
46) Dibromomethane	7.66	93	72372	49.453	ug/l	98
47) Bromodichloromethane	7.90	83	137371	49.510	ug/l	97
48) Methyl methacrylate	7.77	41	134867	49.664	ug/l	98
49) 1,4-Dioxane	7.75	88	58062	1040.830	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	839042	252.595	ug/l	99
52) Toluene	8.78	92	272273	50.936	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	149350	51.571	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	164285	50.236	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	111876	51.702	ug/l	99
56) Ethyl methacrylate	9.18	69	170350	52.433	ug/l	97
57) 1,3-Dichloropropane	9.37	76	185156	50.961	ug/l	100
59) 2-Hexanone	9.49	43	625805	242.664	ug/l	99
60) Dibromochloromethane	9.58	129	116444	51.484	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117608	51.192	ug/l	100
64) Tetrachloroethene	9.34	164	117095	48.666	ug/l	97
65) Chlorobenzene	10.13	112	299476	49.290	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	110820	50.892	ug/l	100
67) Ethyl Benzene	10.25	91	502082	50.202	ug/l	100
68) m/p-Xylenes	10.36	106	390260	101.234	ug/l	100
69) o-Xylene	10.69	106	189482	50.912	ug/l	99
70) Styrene	10.71	104	309499	50.818	ug/l	100
71) Bromoform	10.85	173	92618	49.528	ug/l	99
73) Isopropylbenzene	11.02	105	504309	51.171	ug/l	100
74) N-amyl acetate	10.90	43	189003	42.007	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	163164	47.996	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	157614m	51.544	ug/l	
77) Bromobenzene	11.26	156	133893	49.553	ug/l	98
78) n-propylbenzene	11.36	91	554843	50.747	ug/l	100
79) 2-Chlorotoluene	11.42	91	332304	49.709	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	416459	51.341	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46750	48.869	ug/l	99
82) 4-Chlorotoluene	11.51	91	381919	49.852	ug/l	100
83) tert-Butylbenzene	11.77	119	412682	50.507	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	427836	51.451	ug/l	99
85) sec-Butylbenzene	11.94	105	495666	51.508	ug/l	99
86) p-Isopropyltoluene	12.06	119	447333	51.905	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	236610	49.497	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	234980	48.000	ug/l	100
89) n-Butylbenzene	12.38	91	371978	50.946	ug/l	99
90) Hexachloroethane	12.60	117	72374	50.227	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	233481	49.166	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34345	48.341	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	165877	49.723	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	87738	50.304	ug/l	99
95) Naphthalene	13.83	128	493327	51.323	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	166730	50.170	ug/l	99

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

