

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122719\
 Data File : VX014327.D
 Acq On : 27 Dec 2019 22:21
 Operator : JC/SP
 Sample : K6449-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-5MSD

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:04:20 AM

Quant Time: Dec 30 06:46:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	450070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	720319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	648812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321263	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	265839	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	5.49	113	219769	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	8.71	98	857802	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.14	95	304258	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	176432	43.818	ug/l	99
3) Chloromethane	1.32	50	247848	45.867	ug/l	99
4) Vinyl Chloride	1.40	62	269456	47.259	ug/l	99
5) Bromomethane	1.63	94	188043	46.467	ug/l	100
6) Chloroethane	1.71	64	173510	49.306	ug/l	96
7) Trichlorofluoromethane	1.92	101	346976	49.159	ug/l	99
8) Diethyl Ether	2.18	74	164396	49.628	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	208986	49.119	ug/l	98
10) Methyl Iodide	2.50	142	251927	45.167	ug/l	99
11) Tert butyl alcohol	3.03	59	305918	277.554	ug/l	98
12) 1,1-Dichloroethene	2.37	96	212123	48.996	ug/l	95
13) Acrolein	2.28	56	186972	296.344	ug/l	98
14) Allyl chloride	2.72	41	404567	52.337	ug/l	98
15) Acrylonitrile	3.13	53	740965	288.023	ug/l	98
16) Acetone	2.44	43	615891	185.980	ug/l	97
17) Carbon Disulfide	2.56	76	538979	44.921	ug/l	100
18) Methyl Acetate	2.76	43	351398	53.550	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	757173	53.223	ug/l	98
20) Methylene Chloride	2.85	84	256053	49.101	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	230510	48.329	ug/l	96
22) Diisopropyl ether	3.84	45	845652	54.898	ug/l	97
23) Vinyl Acetate	3.80	43	3395181	270.091	ug/l	99
24) 1,1-Dichloroethane	3.69	63	448312	52.311	ug/l	99
25) 2-Butanone	4.66	43	1019296	249.656	ug/l	97
26) 2,2-Dichloropropane	4.57	77	297251	44.673	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	275630	51.097	ug/l	97
28) Bromochloromethane	5.00	49	181193	54.929	ug/l	95
29) Tetrahydrofuran	5.11	42	663188	290.411	ug/l	100
30) Chloroform	5.20	83	429251	52.836	ug/l	97
31) Cyclohexane	5.57	56	388624	50.985	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	351041	50.698	ug/l	99
36) 1,1-Dichloropropene	5.79	75	316751	47.925	ug/l	98
37) Ethyl Acetate	4.82	43	372328	51.014	ug/l	99
38) Carbon Tetrachloride	5.78	117	296382	49.224	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	378457	46.374	ug/l	99
40) Benzene	6.14	78	1004279	49.384	ug/l	99
41) Methacrylonitrile	5.03	41	225365	55.651	ug/l	95
42) 1,2-Dichloroethane	6.18	62	342997	49.757	ug/l	100
43) Isopropyl Acetate	6.43	43	622469	51.534	ug/l	99
44) Trichloroethene	7.21	130	266150	47.383	ug/l	100
45) 1,2-Dichloropropane	7.51	63	270008	51.802	ug/l	97
46) Dibromomethane	7.65	93	168556	48.912	ug/l	99
47) Bromodichloromethane	7.89	83	331535	51.082	ug/l	100
48) Methyl methacrylate	7.76	41	312384	52.815	ug/l	99
49) 1,4-Dioxane	7.73	88	118657	985.814	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2058420	271.356	ug/l	100
52) Toluene	8.78	92	623256	48.488	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	362383	50.920	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	400964	50.573	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	260829	50.630	ug/l	99
56) Ethyl methacrylate	9.17	69	422719	52.236	ug/l	100
57) 1,3-Dichloropropane	9.37	76	441589	50.947	ug/l	100
59) 2-Hexanone	9.48	43	1572818	257.565	ug/l	100
60) Dibromochloromethane	9.58	129	268573	52.447	ug/l	100
61) 1,2-Dibromoethane	9.67	107	271909	51.586	ug/l	99
64) Tetrachloroethene	9.33	164	251754	43.851	ug/l	98
65) Chlorobenzene	10.14	112	674602	48.901	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	251775	51.114	ug/l	99
67) Ethyl Benzene	10.25	91	1185710	49.993	ug/l	98
68) m/p-Xylenes	10.35	106	897904	98.432	ug/l	100
69) o-Xylene	10.70	106	442458	49.456	ug/l	100
70) Styrene	10.71	104	751970	49.706	ug/l	99
71) Bromoform	10.85	173	207308	52.358	ug/l	99
73) Isopropylbenzene	11.01	105	1150263	50.853	ug/l	100
74) N-amyl acetate	10.89	43	528379	49.835	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	416113	53.062	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	332318m	47.647	ug/l	
77) Bromobenzene	11.25	156	302047	48.534	ug/l	99
78) n-propylbenzene	11.35	91	1296232	51.090	ug/l	100
79) 2-Chlorotoluene	11.42	91	773025	50.122	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	954697	50.151	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	129947	52.588	ug/l	99
82) 4-Chlorotoluene	11.51	91	885706	49.509	ug/l	99
83) tert-Butylbenzene	11.76	119	947204	51.129	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	966642	50.705	ug/l	100
85) sec-Butylbenzene	11.94	105	1112019	50.847	ug/l	99
86) p-Isopropyltoluene	12.06	119	1010927	50.533	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	522785	47.930	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	518307	46.734	ug/l	100
89) n-Butylbenzene	12.39	91	858982	50.321	ug/l	99
90) Hexachloroethane	12.59	117	181212	50.430	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	527237	48.018	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	87275	50.292	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	342033	47.928	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	167131	48.730	ug/l	99
95) Naphthalene	13.83	128	1130626	53.924	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	358581	50.901	ug/l	99

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

