

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092419\
 Data File : VX012628.D
 Acq On : 24 Sep 2019 13:23
 Operator : JC/SP
 Sample : VX0924WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 9:29:37 AM

Quant Time: Sep 25 05:29:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	317055	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135749	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	5.49	113	99306	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	8.71	98	380780	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	11.14	95	144039	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	37200	18.714	ug/l	95
3) Chloromethane	1.32	50	44256	19.389	ug/l	100
4) Vinyl Chloride	1.40	62	43635	19.233	ug/l	96
5) Bromomethane	1.63	94	21778	24.414	ug/l	99
6) Chloroethane	1.72	64	29301	19.158	ug/l	97
7) Trichlorofluoromethane	1.92	101	61269	19.234	ug/l	98
8) Diethyl Ether	2.18	74	25870	19.818	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37801	19.484	ug/l	97
10) Methyl Iodide	2.50	142	34569	20.191	ug/l	96
11) Tert butyl alcohol	3.03	59	64746	100.731	ug/l	98
12) 1,1-Dichloroethene	2.36	96	37592	19.787	ug/l	96
13) Acrolein	2.28	56	28779	87.318	ug/l	97
14) Allyl chloride	2.72	41	71928	19.083	ug/l	98
15) Acrylonitrile	3.13	53	128957	98.891	ug/l	99
16) Acetone	2.44	43	124451	91.314	ug/l	99
17) Carbon Disulfide	2.56	76	92832	17.430	ug/l	99
18) Methyl Acetate	2.76	43	62051	19.336	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	139878	19.452	ug/l	97
20) Methylene Chloride	2.84	84	43745	18.977	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	40794	19.382	ug/l	96
22) Diisopropyl ether	3.84	45	145916	20.035	ug/l	95
23) Vinyl Acetate	3.80	43	625910	97.998	ug/l	99
24) 1,1-Dichloroethane	3.69	63	77801	19.652	ug/l	98
25) 2-Butanone	4.66	43	185229	94.786	ug/l	96
26) 2,2-Dichloropropane	4.57	77	64767	18.394	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	47120	19.295	ug/l	96
28) Bromochloromethane	5.01	49	28883	20.093	ug/l	98
29) Tetrahydrofuran	5.12	42	118347	99.361	ug/l	97
30) Chloroform	5.20	83	80078	19.771	ug/l	89
31) Cyclohexane	5.57	56	69400	19.377	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	69828	19.452	ug/l	100
36) 1,1-Dichloropropene	5.79	75	57258	18.736	ug/l	97
37) Ethyl Acetate	4.82	43	68448	19.158	ug/l	97
38) Carbon Tetrachloride	5.78	117	59144	19.051	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68589	18.643	ug/l	98
40) Benzene	6.14	78	173445	19.289	ug/l	98
41) Methacrylonitrile	5.03	41	38472	19.192	ug/l	96
42) 1,2-Dichloroethane	6.18	62	67798	19.856	ug/l	99
43) Isopropyl Acetate	6.43	43	112012	18.747	ug/l	99
44) Trichloroethene	7.21	130	43924	19.108	ug/l	96
45) 1,2-Dichloropropane	7.51	63	44825	19.471	ug/l	96
46) Dibromomethane	7.65	93	30193	19.263	ug/l	94
47) Bromodichloromethane	7.89	83	59197	18.897	ug/l	98
48) Methyl methacrylate	7.76	41	54827	19.137	ug/l	96
49) 1,4-Dioxane	7.73	88	23748	365.453	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	354750	96.184	ug/l	97
52) Toluene	8.78	92	108575	19.212	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	64127	18.502	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	70193	18.548	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	43992	19.579	ug/l	96
56) Ethyl methacrylate	9.17	69	71752	19.009	ug/l	95
57) 1,3-Dichloropropane	9.37	76	76313	19.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	164944	97.348	ug/l	99
59) 2-Hexanone	9.49	43	271691	96.238	ug/l	96
60) Dibromochloromethane	9.58	129	42589	18.725	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46208	19.761	ug/l	100
64) Tetrachloroethene	9.33	164	40533	20.631	ug/l	91
65) Chlorobenzene	10.14	112	111972	18.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	40725	18.942	ug/l	98
67) Ethyl Benzene	10.25	91	203809	18.937	ug/l	99
68) m/p-Xylenes	10.35	106	153514	38.077	ug/l	98
69) o-Xylene	10.70	106	74524	19.103	ug/l	98
70) Styrene	10.71	104	125743	19.227	ug/l	99
71) Bromoform	10.85	173	27153	18.138	ug/l #	97
73) Isopropylbenzene	11.01	105	200393	19.783	ug/l	100
74) N-amyl acetate	10.89	43	91505	18.935	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	65726	19.592	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	64036m	19.464	ug/l	
77) Bromobenzene	11.25	156	46346	20.215	ug/l	98
78) n-propylbenzene	11.35	91	221860	19.454	ug/l	100
79) 2-Chlorotoluene	11.42	91	137393	19.313	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	164957	19.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19499	16.985	ug/l	97
82) 4-Chlorotoluene	11.51	91	157053	19.366	ug/l	98
83) tert-Butylbenzene	11.77	119	159308	19.442	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	167850	19.588	ug/l	100
85) sec-Butylbenzene	11.94	105	186322	19.550	ug/l	99
86) p-Isopropyltoluene	12.06	119	169779	19.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81508	19.756	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	80145	19.224	ug/l	98
89) n-Butylbenzene	12.38	91	141683	18.697	ug/l	96
90) Hexachloroethane	12.59	117	27000	17.611	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	81159	19.648	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15105	18.000	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	46160	18.325	ug/l	98
94) Hexachlorobutadiene	13.77	225	20574	18.985	ug/l	99
95) Naphthalene	13.83	128	174983	19.200	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	47340	18.761	ug/l	98

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

