

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102819\
 Data File : VX013243.D
 Acq On : 28 Oct 2019 13:20
 Operator : JC/SP
 Sample : VX1028WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 12:07:37 PM

Quant Time: Oct 29 14:57:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	81334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	112942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	115481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	78880	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	83653	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	5.48	113	65736	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	8.71	98	237176	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	92386	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	30189	18.395	ug/l	97
3) Chloromethane	1.32	50	23693	18.165	ug/l	98
4) Vinyl Chloride	1.40	62	25058	16.966	ug/l	96
5) Bromomethane	1.63	94	15016	19.181	ug/l	95
6) Chloroethane	1.72	64	15967	17.664	ug/l	95
7) Trichlorofluoromethane	1.92	101	46374	20.077	ug/l	97
8) Diethyl Ether	2.17	74	14595	18.259	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27806	19.265	ug/l	98
10) Methyl Iodide	2.50	142	25827	16.738	ug/l	99
11) Tert butyl alcohol	3.03	59	36653	98.675	ug/l	99
12) 1,1-Dichloroethene	2.36	96	25529	18.426	ug/l	100
13) Acrolein	2.28	56	15608	78.201	ug/l	95
14) Allyl chloride	2.72	41	38175	17.501	ug/l	96
15) Acrylonitrile	3.13	53	69036	92.069	ug/l	99
16) Acetone	2.43	43	75012	93.596	ug/l	99
17) Carbon Disulfide	2.56	76	62297	16.724	ug/l	100
18) Methyl Acetate	2.76	43	32387	19.117	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	90931	18.637	ug/l	97
20) Methylene Chloride	2.85	84	28818	19.406	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	27609	19.445	ug/l	92
22) Diisopropyl ether	3.84	45	78349	18.370	ug/l	89
23) Vinyl Acetate	3.80	43	336137	92.726	ug/l	100
24) 1,1-Dichloroethane	3.68	63	48235	18.387	ug/l	96
25) 2-Butanone	4.65	43	97931	91.114	ug/l	100
26) 2,2-Dichloropropane	4.57	77	46250	19.076	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	32106	18.921	ug/l	97
28) Bromochloromethane	5.00	49	13457	19.894	ug/l #	7
29) Tetrahydrofuran	5.11	42	56250	86.824	ug/l	98
30) Chloroform	5.19	83	53908	19.301	ug/l	99
31) Cyclohexane	5.57	56	40451	18.387	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	49055	19.753	ug/l	98
36) 1,1-Dichloropropene	5.79	75	38574	20.358	ug/l	100
37) Ethyl Acetate	4.82	43	34588	18.377	ug/l	98
38) Carbon Tetrachloride	5.77	117	42709	20.459	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	46173	19.097	ug/l	98
40) Benzene	6.13	78	108029	19.043	ug/l	99
41) Methacrylonitrile	5.03	41	19145	18.973	ug/l	95
42) 1,2-Dichloroethane	6.18	62	43727	20.444	ug/l	98
43) Isopropyl Acetate	6.43	43	60130	19.242	ug/l	98
44) Trichloroethene	7.20	130	31126	19.332	ug/l	99
45) 1,2-Dichloropropane	7.51	63	27543	19.385	ug/l	92
46) Dibromomethane	7.65	93	19776	19.318	ug/l	99
47) Bromodichloromethane	7.89	83	40231	20.166	ug/l	97
48) Methyl methacrylate	7.76	41	29508	19.106	ug/l	98
49) 1,4-Dioxane	7.73	88	15104	384.241	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	182142	95.628	ug/l	100
52) Toluene	8.78	92	72648	19.324	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	42813	20.195	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	46105	19.880	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	28824	19.392	ug/l	97
56) Ethyl methacrylate	9.17	69	43716	19.541	ug/l	98
57) 1,3-Dichloropropane	9.37	76	48673	19.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	87066	99.742	ug/l	98
59) 2-Hexanone	9.48	43	139782	95.273	ug/l	98
60) Dibromochloromethane	9.57	129	31597	20.287	ug/l	97
61) 1,2-Dibromoethane	9.67	107	31282	19.824	ug/l	100
64) Tetrachloroethene	9.33	164	31333	20.867	ug/l	97
65) Chlorobenzene	10.14	112	77972	19.288	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	31237	20.917	ug/l	96
67) Ethyl Benzene	10.25	91	139972	19.341	ug/l	98
68) m/p-Xylenes	10.36	106	105574	38.601	ug/l	98
69) o-Xylene	10.70	106	50024	19.067	ug/l	99
70) Styrene	10.71	104	85658	18.961	ug/l	99
71) Bromoform	10.85	173	22451	20.575	ug/l #	100
73) Isopropylbenzene	11.01	105	142195	19.851	ug/l	99
74) N-amyl acetate	10.89	43	48198	18.333	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	40772	18.746	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	40831m	21.477	ug/l	
77) Bromobenzene	11.25	156	33799	19.687	ug/l	98
78) n-propylbenzene	11.35	91	147715	18.985	ug/l	99
79) 2-Chlorotoluene	11.42	91	94068	19.134	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	118549	19.911	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13332	19.270	ug/l	97
82) 4-Chlorotoluene	11.51	91	106610	19.139	ug/l	98
83) tert-Butylbenzene	11.76	119	113086	19.198	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	120156	20.008	ug/l	99
85) sec-Butylbenzene	11.94	105	134975	20.135	ug/l	98
86) p-Isopropyltoluene	12.06	119	124430	19.758	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	61721	19.900	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	61534	19.486	ug/l	97
89) n-Butylbenzene	12.39	91	95879	18.611	ug/l	97
90) Hexachloroethane	12.59	117	21383	20.275	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	56221	18.434	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.99	75	10339	19.116	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	35460	18.464	ug/l	96
94) Hexachlorobutadiene	13.78	225	18838	18.963	ug/l	96
95) Naphthalene	13.83	128	114802	19.477	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	37573	19.799	ug/l	97

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

