

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102419\
 Data File : VX013194.D
 Acq On : 23 Oct 2019 18:09
 Operator : JC/SP
 Sample : VX1024WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:33:12 PM

Quant Time: Oct 24 04:18:55 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	86127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	125729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	128769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	85455	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	93916	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
35) Dibromofluoromethane	5.49	113	72487	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	8.71	98	272357	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
62) 4-Bromofluorobenzene	11.13	95	103862	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	31678	18.228	ug/l	99
3) Chloromethane	1.32	50	28241	20.324	ug/l	96
4) Vinyl Chloride	1.40	62	28884	18.468	ug/l	99
5) Bromomethane	1.63	94	18648	22.495	ug/l	95
6) Chloroethane	1.72	64	19224	20.453	ug/l	94
7) Trichlorofluoromethane	1.92	101	47854	19.573	ug/l	94
8) Diethyl Ether	2.18	74	16660	19.682	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28697	18.776	ug/l	98
10) Methyl Iodide	2.50	142	32366	19.159	ug/l	99
11) Tert butyl alcohol	3.03	59	43382	110.416	ug/l	98
12) 1,1-Dichloroethene	2.36	96	28032	19.106	ug/l	98
13) Acrolein	2.28	56	22332	105.663	ug/l	95
14) Allyl chloride	2.72	41	44101	19.093	ug/l	99
15) Acrylonitrile	3.13	53	81333	102.433	ug/l	99
16) Acetone	2.43	43	83621	98.532	ug/l	99
17) Carbon Disulfide	2.56	76	72605	18.407	ug/l	98
18) Methyl Acetate	2.76	43	38421	21.300	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	101934	19.729	ug/l	98
20) Methylene Chloride	2.84	84	31855	20.245	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	30782	20.448	ug/l	92
22) Diisopropyl ether	3.84	45	89547	19.827	ug/l	93
23) Vinyl Acetate	3.80	43	387225	100.874	ug/l	100
24) 1,1-Dichloroethane	3.69	63	53527	19.269	ug/l	99
25) 2-Butanone	4.66	43	114432	100.542	ug/l	94
26) 2,2-Dichloropropane	4.58	77	47802	18.619	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	34756	19.343	ug/l	99
28) Bromochloromethane	5.00	49	15755	21.995	ug/l	98
29) Tetrahydrofuran	5.12	42	68945	100.497	ug/l	99
30) Chloroform	5.20	83	57205	19.341	ug/l	99
31) Cyclohexane	5.57	56	46659	20.028	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	50929	19.366	ug/l	98
36) 1,1-Dichloropropene	5.79	75	40900	19.386	ug/l	99
37) Ethyl Acetate	4.82	43	43399	20.714	ug/l	99
38) Carbon Tetrachloride	5.78	117	43816	18.854	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	49862	18.525	ug/l	98
40) Benzene	6.14	78	121980	19.315	ug/l	99
41) Methacrylonitrile	5.03	41	23099	20.564	ug/l	98
42) 1,2-Dichloroethane	6.19	62	46908	19.701	ug/l	97
43) Isopropyl Acetate	6.43	43	70872	20.373	ug/l	100
44) Trichloroethene	7.21	130	34274	19.122	ug/l	98
45) 1,2-Dichloropropane	7.51	63	30562	19.322	ug/l	98
46) Dibromomethane	7.65	93	22047	19.347	ug/l	98
47) Bromodichloromethane	7.89	83	42481	19.129	ug/l	98
48) Methyl methacrylate	7.76	41	33815	19.667	ug/l	98
49) 1,4-Dioxane	7.73	88	18564	424.232	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	216403	102.060	ug/l	98
52) Toluene	8.78	92	81397	19.449	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	46647	19.766	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	50827	19.687	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	32555	19.675	ug/l	97
56) Ethyl methacrylate	9.17	69	49962	20.062	ug/l	99
57) 1,3-Dichloropropane	9.37	76	54728	19.602	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	105734	108.808	ug/l	98
59) 2-Hexanone	9.48	43	166003	101.637	ug/l	99
60) Dibromochloromethane	9.57	129	33361	19.241	ug/l	99
61) 1,2-Dibromoethane	9.67	107	34559	19.674	ug/l	99
64) Tetrachloroethene	9.33	164	33411	19.867	ug/l	98
65) Chlorobenzene	10.14	112	85917	19.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	32336	19.419	ug/l	98
67) Ethyl Benzene	10.25	91	152789	18.934	ug/l	99
68) m/p-Xylenes	10.36	106	114070	37.404	ug/l	99
69) o-Xylene	10.70	106	55916	19.113	ug/l	99
70) Styrene	10.71	104	94999	18.858	ug/l	99
71) Bromoform	10.85	173	22921	18.838	ug/l #	96
73) Isopropylbenzene	11.01	105	153353	19.762	ug/l	99
74) N-amyl acetate	10.89	43	57405	20.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	47612	20.207	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	45829m	22.251	ug/l	
77) Bromobenzene	11.25	156	36086	19.402	ug/l	97
78) n-propylbenzene	11.35	91	162222	19.245	ug/l	99
79) 2-Chlorotoluene	11.42	91	103656	19.463	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	128266	19.886	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	13996	18.673	ug/l	97
82) 4-Chlorotoluene	11.51	91	119834	19.858	ug/l	97
83) tert-Butylbenzene	11.76	119	123541	19.359	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	128555	19.759	ug/l	100
85) sec-Butylbenzene	11.94	105	142031	19.558	ug/l	99
86) p-Isopropyltoluene	12.06	119	125767	18.434	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	65188	19.401	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	65670	19.196	ug/l	98
89) n-Butylbenzene	12.39	91	105913	18.977	ug/l	100
90) Hexachloroethane	12.59	117	21603	18.908	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	61237	18.534	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11312	19.306	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	39577	19.023	ug/l	98
94) Hexachlorobutadiene	13.78	225	19304	17.937	ug/l	98
95) Naphthalene	13.83	128	128422	20.112	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	41951	20.405	ug/l	95

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

