

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013125.D
 Acq On : 18 Oct 2019 14:25
 Operator : JC/SP
 Sample : VX1018WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 11:02:58 AM

Quant Time: Oct 19 03:48:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	250331	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109709	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	93244	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
35) Dibromofluoromethane	5.48	113	74866	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	8.71	98	282186	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	109862	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	38164	23.556	ug/l	99
3) Chloromethane	1.32	50	35154	19.937	ug/l	99
4) Vinyl Chloride	1.40	62	36033	19.799	ug/l	98
5) Bromomethane	1.63	94	18888	24.967	ug/l	96
6) Chloroethane	1.72	64	21946	19.964	ug/l	98
7) Trichlorofluoromethane	1.92	101	54915	22.356	ug/l	98
8) Diethyl Ether	2.17	74	19277	19.443	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35444	22.295	ug/l	97
10) Methyl Iodide	2.50	142	32883	21.484	ug/l	100
11) Tert butyl alcohol	3.03	59	43602	82.795	ug/l	100
12) 1,1-Dichloroethene	2.36	96	32794	20.417	ug/l	95
13) Acrolein	2.28	56	31057	82.984	ug/l	97
14) Allyl chloride	2.72	41	53467	18.692	ug/l	98
15) Acrylonitrile	3.12	53	90701	90.883	ug/l	99
16) Acetone	2.43	43	93641	89.426	ug/l	99
17) Carbon Disulfide	2.56	76	84570	18.465	ug/l	99
18) Methyl Acetate	2.76	43	44330	17.861	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	111944	20.182	ug/l	95
20) Methylene Chloride	2.84	84	37779	19.631	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	35299	20.504	ug/l	92
22) Diisopropyl ether	3.84	45	105939	19.328	ug/l #	88
23) Vinyl Acetate	3.80	43	448162	94.715	ug/l	99
24) 1,1-Dichloroethane	3.68	63	61646	19.992	ug/l	100
25) 2-Butanone	4.65	43	126987	87.411	ug/l	97
26) 2,2-Dichloropropane	4.57	77	54207	20.905	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	40005	20.160	ug/l	99
28) Bromochloromethane	5.00	49	16069	17.143	ug/l	95
29) Tetrahydrofuran	5.11	42	76722	85.821	ug/l	95
30) Chloroform	5.19	83	64699	20.449	ug/l	99
31) Cyclohexane	5.57	56	57797	20.045	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	57063	21.285	ug/l	99
36) 1,1-Dichloropropene	5.78	75	48845	22.193	ug/l	99
37) Ethyl Acetate	4.81	43	47375	19.250	ug/l	98
38) Carbon Tetrachloride	5.77	117	47953	22.384	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	61936	23.205	ug/l	95
40) Benzene	6.13	78	142884	21.981	ug/l	97
41) Methacrylonitrile	5.02	41	25449	18.819	ug/l	96
42) 1,2-Dichloroethane	6.18	62	53434	22.908	ug/l	99
43) Isopropyl Acetate	6.43	43	78394	19.846	ug/l	98
44) Trichloroethene	7.20	130	38607	21.418	ug/l	89
45) 1,2-Dichloropropane	7.50	63	36121	21.802	ug/l	94
46) Dibromomethane	7.65	93	24655	22.336	ug/l	95
47) Bromodichloromethane	7.89	83	46884	21.765	ug/l	97
48) Methyl methacrylate	7.76	41	38350	19.923	ug/l	99
49) 1,4-Dioxane	7.73	88	18461	379.928	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	241935	98.237	ug/l	99
52) Toluene	8.78	92	93599	22.507	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	50780	20.239	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	58378	22.035	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	36528	22.195	ug/l	95
56) Ethyl methacrylate	9.17	69	56672	20.357	ug/l	96
57) 1,3-Dichloropropane	9.36	76	62580	21.982	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	111848	92.511	ug/l	98
59) 2-Hexanone	9.48	43	184366	96.168	ug/l	99
60) Dibromochloromethane	9.57	129	36518	21.056	ug/l	98
61) 1,2-Dibromoethane	9.67	107	38386	22.172	ug/l	100
64) Tetrachloroethene	9.33	164	38495	24.758	ug/l	94
65) Chlorobenzene	10.14	112	97373	21.873	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	35907	23.263	ug/l	99
67) Ethyl Benzene	10.25	91	176476	22.317	ug/l	99
68) m/p-Xylenes	10.36	106	134227	45.437	ug/l	99
69) o-Xylene	10.70	106	64714	22.464	ug/l	98
70) Styrene	10.71	104	108360	22.126	ug/l	99
71) Bromoform	10.85	173	23837	20.125	ug/l #	96
73) Isopropylbenzene	11.01	105	172972	21.445	ug/l	100
74) N-amyl acetate	10.89	43	65934	18.980	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	53598	19.979	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	45649m	18.760	ug/l	
77) Bromobenzene	11.25	156	40521	21.319	ug/l	98
78) n-propylbenzene	11.35	91	192620	21.702	ug/l	100
79) 2-Chlorotoluene	11.42	91	115710	20.744	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	142301	21.128	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15951	19.564	ug/l	98
82) 4-Chlorotoluene	11.51	91	129440	20.246	ug/l	99
83) tert-Butylbenzene	11.76	119	141467	21.532	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	148594	21.784	ug/l	99
85) sec-Butylbenzene	11.94	105	163315	21.456	ug/l	100
86) p-Isopropyltoluene	12.06	119	151849	21.510	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	71370	20.220	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	72673	20.330	ug/l	98
89) n-Butylbenzene	12.39	91	128111	21.592	ug/l	100
90) Hexachloroethane	12.59	117	24311	19.924	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	71670	20.712	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11578	18.413	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43054	19.862	ug/l	96
94) Hexachlorobutadiene	13.78	225	22501	22.493	ug/l	97
95) Naphthalene	13.83	128	147529	19.633	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	43928	19.610	ug/l	98

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

