

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100419\
 Data File : VX012805.D
 Acq On : 04 Oct 2019 12:42
 Operator : JC/SP
 Sample : VX1004WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 9:26:55 AM

Quant Time: Oct 05 04:42:09 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	168549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115299	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	119364	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	5.49	113	91605	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	8.71	98	340829	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.14	95	131188	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	31569	16.649	ug/l	97
3) Chloromethane	1.32	50	35492	16.301	ug/l	96
4) Vinyl Chloride	1.40	62	37221	17.199	ug/l	93
5) Bromomethane	1.63	94	17731	20.838	ug/l	95
6) Chloroethane	1.72	64	24553	16.829	ug/l	92
7) Trichlorofluoromethane	1.92	101	54010	17.775	ug/l	96
8) Diethyl Ether	2.18	74	22610	18.158	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35480	19.171	ug/l	96
10) Methyl Iodide	2.50	142	27185	17.515	ug/l	94
11) Tert butyl alcohol	3.03	59	56481	92.120	ug/l	97
12) 1,1-Dichloroethene	2.36	96	33380	18.420	ug/l	94
13) Acrolein	2.28	56	20254	67.106	ug/l	94
14) Allyl chloride	2.72	41	63132	17.559	ug/l	97
15) Acrylonitrile	3.13	53	116127	93.357	ug/l	98
16) Acetone	2.43	43	114163	87.814	ug/l	97
17) Carbon Disulfide	2.56	76	79879	15.723	ug/l	99
18) Methyl Acetate	2.76	43	58387	19.073	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	130549	19.032	ug/l	98
20) Methylene Chloride	2.84	84	41857	19.036	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	37201	18.529	ug/l	97
22) Diisopropyl ether	3.84	45	129739	18.675	ug/l	98
23) Vinyl Acetate	3.80	43	551565	90.532	ug/l	98
24) 1,1-Dichloroethane	3.69	63	71451	18.921	ug/l	97
25) 2-Butanone	4.66	43	166532	89.338	ug/l	98
26) 2,2-Dichloropropane	4.57	77	59284	17.651	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	45122	19.370	ug/l	92
28) Bromochloromethane	5.00	49	26005	18.965	ug/l	94
29) Tetrahydrofuran	5.11	42	102230	89.978	ug/l	95
30) Chloroform	5.20	83	73496	19.023	ug/l	96
31) Cyclohexane	5.56	56	61087	17.881	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	63495	18.543	ug/l	99
36) 1,1-Dichloropropene	5.79	75	53580	19.112	ug/l	98
37) Ethyl Acetate	4.82	43	58830	17.950	ug/l	95
38) Carbon Tetrachloride	5.78	117	52652	18.489	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62769	18.598	ug/l	96
40) Benzene	6.14	78	159635	19.353	ug/l	97
41) Methacrylonitrile	5.03	41	34943	19.002	ug/l	94
42) 1,2-Dichloroethane	6.18	62	59275	18.924	ug/l	97
43) Isopropyl Acetate	6.44	43	99305	18.118	ug/l	97
44) Trichloroethene	7.20	130	41595	19.725	ug/l	97
45) 1,2-Dichloropropane	7.51	63	42075	19.924	ug/l	94
46) Dibromomethane	7.65	93	27530	19.147	ug/l	99
47) Bromodichloromethane	7.89	83	53432	18.593	ug/l	98
48) Methyl methacrylate	7.76	41	47448	18.054	ug/l	93
49) 1,4-Dioxane	7.73	88	21285	357.067	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	311594	92.096	ug/l	96
52) Toluene	8.78	92	100646	19.414	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	57325	18.030	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	64470	18.571	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	41802	20.281	ug/l	100
56) Ethyl methacrylate	9.17	69	64423	18.605	ug/l	93
57) 1,3-Dichloropropane	9.37	76	72007	19.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	172181	110.777	ug/l	99
59) 2-Hexanone	9.48	43	235621	90.982	ug/l	95
60) Dibromochloromethane	9.57	129	40781	19.546	ug/l	98
61) 1,2-Dibromoethane	9.67	107	43236	20.156	ug/l	100
64) Tetrachloroethene	9.33	164	38897	22.117	ug/l	97
65) Chlorobenzene	10.14	112	106055	19.966	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	38859	20.191	ug/l	98
67) Ethyl Benzene	10.25	91	191436	19.870	ug/l	98
68) m/p-Xylenes	10.36	106	143168	39.670	ug/l	100
69) o-Xylene	10.70	106	68095	19.500	ug/l	96
70) Styrene	10.71	104	119709	20.448	ug/l	98
71) Bromoform	10.85	173	25890	19.319	ug/l #	100
73) Isopropylbenzene	11.01	105	188090	20.029	ug/l	100
74) N-amyl acetate	10.89	43	78304	17.478	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	62745	20.175	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	51258m	16.806	ug/l	
77) Bromobenzene	11.25	156	42936	20.202	ug/l	98
78) n-propylbenzene	11.35	91	209509	19.817	ug/l	99
79) 2-Chlorotoluene	11.42	91	127830	19.382	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	158263	20.097	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18004	16.917	ug/l	97
82) 4-Chlorotoluene	11.51	91	144638	19.238	ug/l	99
83) tert-Butylbenzene	11.76	119	150536	19.817	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	159983	20.139	ug/l	97
85) sec-Butylbenzene	11.94	105	177258	20.062	ug/l	98
86) p-Isopropyltoluene	12.06	119	163060	20.453	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77771	20.333	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	78527	20.318	ug/l	97
89) n-Butylbenzene	12.39	91	133855	19.054	ug/l	97
90) Hexachloroethane	12.59	117	26962	18.970	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	79559	20.777	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13838	17.787	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43391	18.581	ug/l	94
94) Hexachlorobutadiene	13.78	225	21038	20.941	ug/l	100
95) Naphthalene	13.83	128	160735	19.024	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	45670	19.523	ug/l	97

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

