

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012575.D
 Acq On : 20 Sep 2019 22:59
 Operator : JC/SP
 Sample : VX0920WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 11:28:56 AM

Quant Time: Sep 21 03:49:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301337	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126889	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	121420	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	5.49	113	89555	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	8.71	98	330131	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.14	95	132101	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	20750	17.572	ug/l	95
3) Chloromethane	1.32	50	18150	18.381	ug/l	95
4) Vinyl Chloride	1.40	62	19963	18.705	ug/l #	88
5) Bromomethane	1.63	94	9792	23.353	ug/l	94
6) Chloroethane	1.72	64	15125	18.110	ug/l	97
7) Trichlorofluoromethane	1.92	101	39245	20.060	ug/l	100
8) Diethyl Ether	2.18	74	17037	19.280	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26462	18.694	ug/l	95
10) Methyl Iodide	2.50	142	21846	20.828	ug/l	96
11) Tert butyl alcohol	3.03	59	61801	90.936	ug/l	100
12) 1,1-Dichloroethene	2.36	96	21988	19.472	ug/l	96
13) Acrolein	2.28	56	16225	70.574	ug/l	96
14) Allyl chloride	2.72	41	48370	18.399	ug/l	97
15) Acrylonitrile	3.13	53	109843	98.471	ug/l	98
16) Acetone	2.43	43	100699	80.207	ug/l	100
17) Carbon Disulfide	2.56	76	24887	16.827	ug/l	99
18) Methyl Acetate	2.76	43	53103	19.797	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	122730	19.934	ug/l	99
20) Methylene Chloride	2.85	84	30438	19.538	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	22661	19.325	ug/l	96
22) Diisopropyl ether	3.84	45	121225	19.694	ug/l	99
23) Vinyl Acetate	3.80	43	487733	96.321	ug/l	98
24) 1,1-Dichloroethane	3.69	63	58763	19.952	ug/l	99
25) 2-Butanone	4.66	43	161110	90.227	ug/l	97
26) 2,2-Dichloropropane	4.58	77	44507	15.366	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	34744	19.834	ug/l	96
28) Bromochloromethane	5.01	49	27535	18.135	ug/l	96
29) Tetrahydrofuran	5.12	42	96906	98.238	ug/l	99
30) Chloroform	5.20	83	64732	19.138	ug/l	97
31) Cyclohexane	5.57	56	34335	19.312	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	53716	19.001	ug/l	98
36) 1,1-Dichloropropene	5.79	75	34964	19.092	ug/l	96
37) Ethyl Acetate	4.82	43	58195	20.701	ug/l	97
38) Carbon Tetrachloride	5.78	117	42270	18.558	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	32936	18.500	ug/l	94
40) Benzene	6.14	78	117791	20.226	ug/l	100
41) Methacrylonitrile	5.03	41	33245	18.366	ug/l	96
42) 1,2-Dichloroethane	6.18	62	52597	19.472	ug/l	100
43) Isopropyl Acetate	6.43	43	97025	19.230	ug/l	99
44) Trichloroethene	7.21	130	31460	20.536	ug/l	91
45) 1,2-Dichloropropane	7.51	63	35671	19.937	ug/l	100
46) Dibromomethane	7.65	93	22306	19.265	ug/l	98
47) Bromodichloromethane	7.89	83	48084	18.652	ug/l	98
48) Methyl methacrylate	7.76	41	44613	18.757	ug/l	97
49) 1,4-Dioxane	7.73	88	21450	370.553	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	321447	97.148	ug/l	98
52) Toluene	8.78	92	75330	20.074	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	49232	18.371	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	52882	19.061	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	39136	20.243	ug/l	97
56) Ethyl methacrylate	9.17	69	58958	19.505	ug/l	99
57) 1,3-Dichloropropane	9.37	76	61750	20.018	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	159486	101.928	ug/l	98
59) 2-Hexanone	9.49	43	246447	95.469	ug/l	100
60) Dibromochloromethane	9.58	129	37275	18.928	ug/l	99
61) 1,2-Dibromoethane	9.67	107	35567	20.143	ug/l	97
64) Tetrachloroethene	9.33	164	29973	24.150	ug/l	93
65) Chlorobenzene	10.14	112	87874	19.657	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	37115	20.005	ug/l	99
67) Ethyl Benzene	10.25	91	152408	19.844	ug/l	100
68) m/p-Xylenes	10.35	106	111346	39.845	ug/l	99
69) o-Xylene	10.70	106	57430	19.984	ug/l	99
70) Styrene	10.71	104	99807	19.629	ug/l	100
71) Bromoform	10.85	173	25421	17.870	ug/l #	98
73) Isopropylbenzene	11.01	105	161572	20.294	ug/l	100
74) N-amyl acetate	10.89	43	82469	19.240	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	61120	19.570	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	51428m	17.644	ug/l	
77) Bromobenzene	11.25	156	39916	20.558	ug/l	98
78) n-propylbenzene	11.35	91	174385	19.652	ug/l	100
79) 2-Chlorotoluene	11.42	91	114707	19.871	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	135383	19.939	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16242	17.447	ug/l	94
82) 4-Chlorotoluene	11.51	91	130128	19.641	ug/l	100
83) tert-Butylbenzene	11.77	119	140588	19.323	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	138501	19.866	ug/l	100
85) sec-Butylbenzene	11.94	105	154556	19.278	ug/l	99
86) p-Isopropyltoluene	12.06	119	145616	19.780	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	73667	20.169	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	74420	19.836	ug/l	100
89) n-Butylbenzene	12.39	91	117860	17.943	ug/l	99
90) Hexachloroethane	12.59	117	24335	18.028	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	77076	20.190	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15125	18.680	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	48468	19.711	ug/l	98
94) Hexachlorobutadiene	13.78	225	20646	17.815	ug/l	98
95) Naphthalene	13.83	128	176130	20.131	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	49816	19.881	ug/l	100

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

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