

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011598.D
 Acq On : 16 Aug 2019 23:03
 Operator : JC/SP
 Sample : VX0816WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:29:12 AM

Quant Time: Aug 19 03:51:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	353945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	498790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	442028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	235761	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	154504	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
35) Dibromofluoromethane	5.49	113	144679	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
50) Toluene-d8	8.71	98	467520	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	11.13	95	195916	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	74109	21.301	ug/l 99
3) Chloromethane	1.32	50	63770	17.648	ug/l 98
4) Vinyl Chloride	1.40	62	64019	19.613	ug/l 100
5) Bromomethane	1.64	94	33279	22.753	ug/l 99
6) Chloroethane	1.71	64	30915	20.011	ug/l 98
7) Trichlorofluoromethane	1.92	101	87355	19.321	ug/l 98
8) Diethyl Ether	2.18	74	30277	19.522	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	53680	17.189	ug/l 96
10) Methyl Iodide	2.50	142	73029	16.416	ug/l 96
11) Tert butyl alcohol	3.04	59	77921	96.765	ug/l 98
12) 1,1-Dichloroethene	2.37	96	53054	17.580	ug/l 96
13) Acrolein	2.29	56	19954	88.792	ug/l 97
14) Allyl chloride	2.72	41	97360	19.393	ug/l 99
15) Acrylonitrile	3.14	53	186431	101.156	ug/l 99
16) Acetone	2.43	43	153983	93.298	ug/l 95
17) Carbon Disulfide	2.56	76	130938	18.412	ug/l 100
18) Methyl Acetate	2.76	43	105596	20.630	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	201060	20.456	ug/l 99
20) Methylene Chloride	2.85	84	65524	18.908	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	63051	19.715	ug/l 98
22) Diisopropyl ether	3.85	45	201301	20.134	ug/l 95
23) Vinyl Acetate	3.81	43	800431	101.102	ug/l 99
24) 1,1-Dichloroethane	3.69	63	110910	19.621	ug/l 99
25) 2-Butanone	4.67	43	259804	100.270	ug/l 97
26) 2,2-Dichloropropane	4.58	77	68581	16.120	ug/l 97
27) cis-1,2-Dichloroethene	4.59	96	74317	19.933	ug/l 97
28) Bromochloromethane	5.01	49	47387	19.096	ug/l 99
29) Tetrahydrofuran	5.12	42	170403	100.258	ug/l 100
30) Chloroform	5.21	83	116709	19.564	ug/l 96
31) Cyclohexane	5.57	56	99148	20.372	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	102672	20.016	ug/l 99
36) 1,1-Dichloropropene	5.80	75	84672	19.855	ug/l 98
37) Ethyl Acetate	4.83	43	96102	19.592	ug/l 100
38) Carbon Tetrachloride	5.78	117	88693	18.877	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	98542	18.711	ug/l	97
40) Benzene	6.14	78	255092	19.248	ug/l	100
41) Methacrylonitrile	5.04	41	54359	20.136	ug/l	100
42) 1,2-Dichloroethane	6.19	62	93202	20.299	ug/l	100
43) Isopropyl Acetate	6.44	43	149437	19.522	ug/l	99
44) Trichloroethene	7.21	130	76057	19.346	ug/l	97
45) 1,2-Dichloropropane	7.51	63	66995	20.270	ug/l	98
46) Dibromomethane	7.66	93	45547	18.964	ug/l	99
47) Bromodichloromethane	7.89	83	84061	19.062	ug/l	98
48) Methyl methacrylate	7.76	41	75838	20.006	ug/l	99
49) 1,4-Dioxane	7.74	88	38756	384.378	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	503579	100.505	ug/l	99
52) Toluene	8.78	92	164967	19.539	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	85513	18.684	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	94733	18.914	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	72065	20.071	ug/l	96
56) Ethyl methacrylate	9.18	69	103536	19.840	ug/l	99
57) 1,3-Dichloropropane	9.37	76	111317	19.504	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	266371	102.444	ug/l	100
59) 2-Hexanone	9.49	43	381434	98.718	ug/l	100
60) Dibromochloromethane	9.58	129	71877	19.214	ug/l	99
61) 1,2-Dibromoethane	9.67	107	75001	19.573	ug/l	99
64) Tetrachloroethene	9.34	164	73303	20.212	ug/l	98
65) Chlorobenzene	10.13	112	184634	19.584	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	70560	20.023	ug/l	99
67) Ethyl Benzene	10.25	91	314445	19.984	ug/l	99
68) m/p-Xylenes	10.35	106	244581	40.495	ug/l	98
69) o-Xylene	10.69	106	119379	20.179	ug/l	98
70) Styrene	10.71	104	199688	20.050	ug/l	99
71) Bromoform	10.85	173	57107	18.870	ug/l #	99
73) Isopropylbenzene	11.02	105	320833	20.972	ug/l	100
74) N-amyl acetate	10.90	43	125575	19.316	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	105431	20.034	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	90683m	20.284	ug/l	
77) Bromobenzene	11.25	156	93504	20.544	ug/l	99
78) n-propylbenzene	11.36	91	343915	20.848	ug/l	99
79) 2-Chlorotoluene	11.42	91	207947	20.529	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	270536	21.052	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	25306	18.444	ug/l	89
82) 4-Chlorotoluene	11.51	91	240845	20.494	ug/l	100
83) tert-Butylbenzene	11.77	119	266305	20.346	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	271971	21.081	ug/l	100
85) sec-Butylbenzene	11.94	105	303612	20.560	ug/l	100
86) p-Isopropyltoluene	12.06	119	288392	20.759	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	156343	19.984	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	158193	19.951	ug/l	99
89) n-Butylbenzene	12.38	91	225549	19.748	ug/l	99
90) Hexachloroethane	12.59	117	41014	18.695	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	157833	20.098	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23455	19.481	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113142	19.336	ug/l	99
94) Hexachlorobutadiene	13.78	225	60018	18.837	ug/l	98
95) Naphthalene	13.83	128	340542	20.586	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	118603	20.096	ug/l	99

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

