

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092719\
 Data File : VX012692.D
 Acq On : 27 Sep 2019 12:28
 Operator : JC/SP
 Sample : VX0927WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/30/2019 8:23:41 AM

Quant Time: Sep 28 04:21:50 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	182965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	320806	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128679	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	138983	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	5.49	113	104086	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
50) Toluene-d8	8.71	98	388308	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
62) 4-Bromofluorobenzene	11.14	95	152089	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	39527	19.204	ug/l	98
3) Chloromethane	1.32	50	44390	18.781	ug/l	99
4) Vinyl Chloride	1.40	62	46910	19.968	ug/l	99
5) Bromomethane	1.63	94	22290	24.132	ug/l	98
6) Chloroethane	1.72	64	30379	19.182	ug/l	93
7) Trichlorofluoromethane	1.92	101	63752	19.328	ug/l	98
8) Diethyl Ether	2.18	74	27206	20.127	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	40352	20.086	ug/l	97
10) Methyl Iodide	2.50	142	35195	19.935	ug/l	93
11) Tert butyl alcohol	3.03	59	67671	101.674	ug/l	100
12) 1,1-Dichloroethene	2.36	96	39903	20.284	ug/l	97
13) Acrolein	2.28	56	11418	39.768	ug/l	95
14) Allyl chloride	2.72	41	77693	19.906	ug/l	98
15) Acrylonitrile	3.13	53	138082	102.261	ug/l	99
16) Acetone	2.43	43	132185	93.666	ug/l	98
17) Carbon Disulfide	2.56	76	99485	18.039	ug/l	100
18) Methyl Acetate	2.76	43	66616	20.047	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	152333	20.458	ug/l	99
20) Methylene Chloride	2.84	84	46909	19.652	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	43874	20.131	ug/l	94
22) Diisopropyl ether	3.84	45	152810	20.262	ug/l	97
23) Vinyl Acetate	3.80	43	669119	101.174	ug/l	99
24) 1,1-Dichloroethane	3.69	63	83363	20.336	ug/l	98
25) 2-Butanone	4.66	43	197486	97.596	ug/l	99
26) 2,2-Dichloropropane	4.58	77	67870	18.615	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	50933	20.141	ug/l	96
28) Bromochloromethane	5.00	49	37289	25.052	ug/l	99
29) Tetrahydrofuran	5.11	42	126577	102.630	ug/l	98
30) Chloroform	5.20	83	84272	20.093	ug/l	94
31) Cyclohexane	5.57	56	74664	20.133	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	74161	19.952	ug/l	99
36) 1,1-Dichloropropene	5.79	75	62565	20.233	ug/l	99
37) Ethyl Acetate	4.82	43	72771	20.130	ug/l	98
38) Carbon Tetrachloride	5.78	117	61309	19.518	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	73557	19.759	ug/l	94
40) Benzene	6.14	78	182695	20.080	ug/l	99
41) Methacrylonitrile	5.03	41	41714	20.566	ug/l	96
42) 1,2-Dichloroethane	6.18	62	70438	20.388	ug/l	99
43) Isopropyl Acetate	6.43	43	121081	20.028	ug/l	99
44) Trichloroethene	7.21	130	46398	19.948	ug/l	97
45) 1,2-Dichloropropane	7.51	63	47089	20.216	ug/l	98
46) Dibromomethane	7.65	93	31825	20.067	ug/l	95
47) Bromodichloromethane	7.89	83	61889	19.525	ug/l	99
48) Methyl methacrylate	7.76	41	56829	19.604	ug/l	95
49) 1,4-Dioxane	7.73	88	26538	403.613	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	376101	100.781	ug/l	97
52) Toluene	8.78	92	118475	20.719	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	67114	19.137	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	76020	19.853	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	48107	21.161	ug/l	95
56) Ethyl methacrylate	9.17	69	75859	19.862	ug/l	96
57) 1,3-Dichloropropane	9.37	76	82258	20.674	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	187547	109.394	ug/l	97
59) 2-Hexanone	9.48	43	285853	100.070	ug/l	94
60) Dibromochloromethane	9.57	129	45736	19.873	ug/l	100
61) 1,2-Dibromoethane	9.67	107	48767	20.611	ug/l	100
64) Tetrachloroethene	9.33	164	41854	20.978	ug/l	92
65) Chlorobenzene	10.14	112	121225	20.118	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	43414	19.885	ug/l	98
67) Ethyl Benzene	10.25	91	222102	20.322	ug/l	98
68) m/p-Xylenes	10.35	106	165215	40.354	ug/l	99
69) o-Xylene	10.70	106	79091	19.965	ug/l	97
70) Styrene	10.71	104	136579	20.565	ug/l	99
71) Bromoform	10.85	173	29103	19.144	ug/l #	95
73) Isopropylbenzene	11.01	105	218201	20.820	ug/l	100
74) N-amyl acetate	10.89	43	99310	19.862	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	71132	20.493	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	69305m	20.361	ug/l	
77) Bromobenzene	11.25	156	48197	20.319	ug/l	96
78) n-propylbenzene	11.35	91	240070	20.346	ug/l	100
79) 2-Chlorotoluene	11.42	91	148677	20.199	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	184250	20.964	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	21429	18.041	ug/l	99
82) 4-Chlorotoluene	11.51	91	171087	20.390	ug/l	99
83) tert-Butylbenzene	11.76	119	173410	20.454	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	184360	20.794	ug/l	97
85) sec-Butylbenzene	11.94	105	207360	21.029	ug/l	99
86) p-Isopropyltoluene	12.06	119	184847	20.775	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	88003	20.616	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	87491	20.283	ug/l	98
89) n-Butylbenzene	12.38	91	156033	19.901	ug/l	98
90) Hexachloroethane	12.59	117	29948	18.880	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	88541	20.718	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16759	19.302	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	51789	19.871	ug/l	99
94) Hexachlorobutadiene	13.77	225	23495	20.955	ug/l	99
95) Naphthalene	13.83	128	194417	20.618	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	53004	20.302	ug/l	98

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

