

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004741.D
 Acq On : 26 Sep 2018 23:44
 Operator : JC/MD
 Sample : VX0926WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS02

Manual Integrations
 APPROVED

apatel
 10/3/2018 8:26:37 AM

Quant Time: Sep 27 05:43:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363232	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206629	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	209291	57.38	ug/l	0.00
Spiked Amount			Recovery	=	114.76%	
35) Dibromofluoromethane	5.50	113	169442	55.04	ug/l	0.00
Spiked Amount			Recovery	=	110.08%	
50) Toluene-d8	8.72	98	563946	55.10	ug/l	0.00
Spiked Amount			Recovery	=	110.20%	
62) 4-Bromofluorobenzene	11.14	95	202939	55.04	ug/l	0.00
Spiked Amount			Recovery	=	110.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86868	24.953	ug/l	96
3) Chloromethane	1.32	50	94197	22.302	ug/l	93
4) Vinyl Chloride	1.40	62	91008	22.974	ug/l	97
5) Bromomethane	1.64	94	57992	24.687	ug/l	96
6) Chloroethane	1.71	64	54031	23.808	ug/l	97
7) Trichlorofluoromethane	1.93	101	111061	22.646	ug/l	97
8) Diethyl Ether	2.19	74	44822	21.038	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	64205	22.983	ug/l	99
10) Methyl Iodide	2.51	142	82713	22.126	ug/l	100
11) Tert butyl alcohol	3.08	59	122838	120.449	ug/l	98
12) 1,1-Dichloroethene	2.37	96	63069	22.797	ug/l	88
13) Acrolein	2.29	56	17380	23.952	ug/l	97
14) Allyl chloride	2.73	41	132784	21.997	ug/l	94
15) Acrylonitrile	3.15	53	250164	111.430	ug/l	97
16) Acetone	2.45	43	236233	110.939	ug/l	100
17) Carbon Disulfide	2.57	76	174686	21.013	ug/l	99
18) Methyl Acetate	2.78	43	122974	22.794	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	216407	22.678	ug/l	98
20) Methylene Chloride	2.85	84	80229	25.502	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	63168	20.858	ug/l	89
22) Diisopropyl ether	3.87	45	229943	22.622	ug/l	96
23) Vinyl Acetate	3.82	43	1005205	108.036	ug/l	96
24) 1,1-Dichloroethane	3.70	63	134277	22.146	ug/l	98
25) 2-Butanone	4.71	43	365614	116.482	ug/l	96
26) 2,2-Dichloropropane	4.59	77	73443	17.394	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	72495	21.428	ug/l	96
28) Bromochloromethane	5.02	49	67272	23.560	ug/l	89
29) Tetrahydrofuran	5.16	42	227744	116.740	ug/l	93
30) Chloroform	5.21	83	128926	22.498	ug/l	89
31) Cyclohexane	5.58	56	114120	24.591	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	104102	22.244	ug/l	98
36) 1,1-Dichloropropene	5.80	75	90476	21.541	ug/l	98
37) Ethyl Acetate	4.86	43	126849	22.752	ug/l	97
38) Carbon Tetrachloride	5.78	117	89919	20.366	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	90940	21.204	ug/l	95
40) Benzene	6.15	78	274309	20.861	ug/l	95
41) Methacrylonitrile	5.07	41	69038	22.329	ug/l	97
42) 1,2-Dichloroethane	6.20	62	98735	21.241	ug/l	98
43) Isopropyl Acetate	6.46	43	172468	21.432	ug/l	96
44) Trichloroethene	7.21	130	67043	20.740	ug/l	91
45) 1,2-Dichloropropane	7.52	63	66780	20.709	ug/l	96
46) Dibromomethane	7.66	93	43795	21.611	ug/l	96
47) Bromodichloromethane	7.90	83	81187	21.397	ug/l	97
48) Methyl methacrylate	7.78	41	82938	22.708	ug/l	94
49) 1,4-Dioxane	7.76	88	40396	445.180	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	584020	115.264	ug/l	93
52) Toluene	8.79	92	157312	21.772	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	86494	20.173	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	96206	21.422	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	65550	20.711	ug/l	98
56) Ethyl methacrylate	9.18	69	95336	20.362	ug/l	93
57) 1,3-Dichloropropane	9.37	76	109219	20.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	284355	112.574	ug/l	94
59) 2-Hexanone	9.50	43	460109	108.972	ug/l	93
60) Dibromochloromethane	9.59	129	63993	20.218	ug/l	100
61) 1,2-Dibromoethane	9.68	107	68037	20.073	ug/l	99
64) Tetrachloroethene	9.34	164	70246	20.510	ug/l	98
65) Chlorobenzene	10.14	112	174955	19.607	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	60064	19.147	ug/l	99
67) Ethyl Benzene	10.26	91	284794	20.103	ug/l	98
68) m/p-Xylenes	10.36	106	224001	40.463	ug/l	93
69) o-Xylene	10.70	106	107920	21.224	ug/l	97
70) Styrene	10.71	104	180733	20.331	ug/l	97
71) Bromoform	10.86	173	50106	18.657	ug/l #	99
73) Isopropylbenzene	11.02	105	289823	22.253	ug/l	99
74) N-amyl acetate	10.90	43	137658	20.305	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	106044	20.002	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	96530m	20.843	ug/l	
77) Bromobenzene	11.26	156	78726	20.811	ug/l	97
78) n-propylbenzene	11.36	91	333403	22.311	ug/l	98
79) 2-Chlorotoluene	11.42	91	202988	21.792	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	245030	20.410	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	26124	16.761	ug/l	95
82) 4-Chlorotoluene	11.51	91	236299	21.553	ug/l	99
83) tert-Butylbenzene	11.77	119	232376	21.670	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	253751	20.496	ug/l	98
85) sec-Butylbenzene	11.94	105	287709	22.028	ug/l	98
86) p-Isopropyltoluene	12.07	119	254879	21.539	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	143818	20.360	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	145045	19.891	ug/l	98
89) n-Butylbenzene	12.39	91	218511	20.332	ug/l	98
90) Hexachloroethane	12.60	117	38692	19.638	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	145704	19.738	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23872	20.507	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102150	19.726	ug/l	98
94) Hexachlorobutadiene	13.79	225	51917	19.334	ug/l	98
95) Naphthalene	13.83	128	332261	19.773	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107567	20.108	ug/l	98

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

