

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
 Data File : VX005428.D
 Acq On : 18 Oct 2018 14:23
 Operator : JC/MD
 Sample : VX1018WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 1:51:31 PM

Quant Time: Oct 19 04:38:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	301136	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	433166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	395801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214891	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	166343	49.77	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	5.50	113	139300	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.71	98	513765	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.14	95	188919	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	43611	18.522	ug/l	96
3) Chloromethane	1.32	50	60522	17.740	ug/l	99
4) Vinyl Chloride	1.40	62	64005	18.520	ug/l	99
5) Bromomethane	1.64	94	36972	19.304	ug/l	98
6) Chloroethane	1.72	64	40967	19.089	ug/l	95
7) Trichlorofluoromethane	1.93	101	88295	19.145	ug/l	97
8) Diethyl Ether	2.18	74	42587	21.624	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52827	19.845	ug/l	97
10) Methyl Iodide	2.51	142	57122	21.085	ug/l	100
11) Tert butyl alcohol	3.07	59	93463	99.137	ug/l	100
12) 1,1-Dichloroethene	2.37	96	51301	19.451	ug/l	98
13) Acrolein	2.29	56	38996	63.204	ug/l	97
14) Allyl chloride	2.73	41	113721	19.639	ug/l	94
15) Acrylonitrile	3.15	53	209465	98.047	ug/l	96
16) Acetone	2.45	43	189159	97.889	ug/l	98
17) Carbon Disulfide	2.57	76	139622	17.475	ug/l	99
18) Methyl Acetate	2.78	43	117581	21.388	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	199672	21.496	ug/l	96
20) Methylene Chloride	2.85	84	61825	21.204	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	55443	18.969	ug/l	89
22) Diisopropyl ether	3.87	45	204822	21.059	ug/l	92
23) Vinyl Acetate	3.82	43	867350	102.031	ug/l	97
24) 1,1-Dichloroethane	3.70	63	115377	20.699	ug/l	97
25) 2-Butanone	4.70	43	282295	99.846	ug/l	94
26) 2,2-Dichloropropane	4.59	77	80071	19.207	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	64319	20.248	ug/l	99
28) Bromochloromethane	5.03	49	54701	21.527	ug/l	93
29) Tetrahydrofuran	5.15	42	185341	102.769	ug/l	95
30) Chloroform	5.21	83	102602	19.831	ug/l	99
31) Cyclohexane	5.57	56	91984	20.022	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	88660	19.694	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75601	18.021	ug/l	99
37) Ethyl Acetate	4.85	43	101169	18.752	ug/l	99
38) Carbon Tetrachloride	5.78	117	75928	18.013	ug/l	92

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39) Methylcyclohexane	7.46	83	86732	19.102	ug/l #	88
40) Benzene	6.15	78	238362	18.941	ug/l	99
41) Methacrylonitrile	5.06	41	57091	19.739	ug/l	99
42) 1,2-Dichloroethane	6.20	62	81168	18.266	ug/l	98
43) Isopropyl Acetate	6.46	43	147166	20.477	ug/l	98
44) Trichloroethene	7.21	130	62515	19.070	ug/l	96
45) 1,2-Dichloropropane	7.52	63	59643	19.321	ug/l	98
46) Dibromomethane	7.66	93	38025	18.663	ug/l	97
47) Bromodichloromethane	7.90	83	72423	19.217	ug/l	97
48) Methyl methacrylate	7.77	41	72751	19.518	ug/l	96
49) 1,4-Dioxane	7.75	88	32513	378.179	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	504575	101.397	ug/l	95
52) Toluene	8.79	92	141175	20.505	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	79971	19.608	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	88603	20.049	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	58838	20.176	ug/l	97
56) Ethyl methacrylate	9.18	69	90694	21.334	ug/l	96
57) 1,3-Dichloropropane	9.37	76	98797	20.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	252927	106.087	ug/l	95
59) 2-Hexanone	9.49	43	393683	98.349	ug/l	95
60) Dibromochloromethane	9.59	129	58562	19.428	ug/l	100
61) 1,2-Dibromoethane	9.67	107	61556	20.113	ug/l	100
64) Tetrachloroethene	9.34	164	63229	19.843	ug/l	96
65) Chlorobenzene	10.14	112	160399	19.052	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	58177	19.391	ug/l	99
67) Ethyl Benzene	10.25	91	265164	19.374	ug/l	97
68) m/p-Xylenes	10.36	106	208834	39.311	ug/l	96
69) o-Xylene	10.70	106	100960	19.706	ug/l	97
70) Styrene	10.71	104	168337	19.976	ug/l	98
71) Bromoform	10.86	173	47670	17.780	ug/l #	99
73) Isopropylbenzene	11.02	105	278115	21.771	ug/l	100
74) N-amyl acetate	10.90	43	125901	20.434	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	94190	19.546	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	89601m	21.496	ug/l	
77) Bromobenzene	11.26	156	74875	20.499	ug/l	99
78) n-propylbenzene	11.36	91	310642	21.132	ug/l	99
79) 2-Chlorotoluene	11.42	91	187251	20.799	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	230329	21.055	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	25963	18.926	ug/l	99
82) 4-Chlorotoluene	11.51	91	218284	20.453	ug/l	100
83) tert-Butylbenzene	11.77	119	232496	20.987	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	241436	21.446	ug/l	97
85) sec-Butylbenzene	11.94	105	281779	21.494	ug/l	98
86) p-Isopropyltoluene	12.07	119	251207	21.200	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	136777	20.040	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	137006	19.622	ug/l	97
89) n-Butylbenzene	12.39	91	214761	19.962	ug/l	98
90) Hexachloroethane	12.60	117	37909	18.564	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	138136	19.833	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22213	18.897	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104432	20.436	ug/l	100
94) Hexachlorobutadiene	13.79	225	51617	19.125	ug/l	97
95) Naphthalene	13.83	128	327296	22.085	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	109254	20.895	ug/l	98

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

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