

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006099.D
 Acq On : 19 Nov 2018 18:47
 Operator : JC/MD
 Sample : VX1119WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 9:59:49 AM

Quant Time: Nov 20 01:03:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	138030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	199246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	150192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	82543	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	68142	42.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.88%	
35) Dibromofluoromethane	5.51	113	58665	43.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.58%	
50) Toluene-d8	8.71	98	184079	40.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.72%	
62) 4-Bromofluorobenzene	11.14	95	67652	41.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	17429	14.00	ug/l	97
3) Chloromethane	1.32	50	23398	14.33	ug/l	99
4) Vinyl Chloride	1.41	62	24270	14.80	ug/l	97
5) Bromomethane	1.64	94	14118	14.07	ug/l	96
6) Chloroethane	1.72	64	16510	16.88	ug/l	98
7) Trichlorofluoromethane	1.93	101	34000	15.62	ug/l	100
8) Diethyl Ether	2.19	74	15186	17.81	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20060	16.03	ug/l	100
10) Methyl Iodide	2.51	142	23613	15.57	ug/l	96
11) Tert butyl alcohol	3.06	59	37500	82.50	ug/l	99
12) 1,1-Dichloroethene	2.37	96	19158	15.70	ug/l	93
13) Acrolein	2.29	56	18455	97.78	ug/l	99
14) Allyl chloride	2.73	41	42331	15.54	ug/l	98
15) Acrylonitrile	3.15	53	84085	89.26	ug/l	99
16) Acetone	2.45	43	72476	84.83	ug/l	98
17) Carbon Disulfide	2.57	76	46694	12.83	ug/l	99
18) Methyl Acetate	2.78	43	44922	18.69	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	73788	17.72	ug/l	100
20) Methylene Chloride	2.86	84	22992	16.38	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	20847	16.20	ug/l	98
22) Diisopropyl ether	3.87	45	82524	17.29	ug/l	# 93
23) Vinyl Acetate	3.82	43	319331	78.02	ug/l	99
24) 1,1-Dichloroethane	3.70	63	43394	17.04	ug/l	99
25) 2-Butanone	4.70	43	118155	87.96	ug/l	100
26) 2,2-Dichloropropane	4.59	77	28221	15.11	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	25490	17.94	ug/l	95
28) Bromochloromethane	5.01	49	21503	18.89	ug/l	93
29) Tetrahydrofuran	5.15	42	75296	87.30	ug/l	97
30) Chloroform	5.21	83	41894	17.05	ug/l	93
31) Cyclohexane	5.57	56	33532	15.17	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	33512	16.35	ug/l	98
36) 1,1-Dichloropropene	5.80	75	29473	15.34	ug/l	96
37) Ethyl Acetate	4.85	43	40420	16.00	ug/l	98
38) Carbon Tetrachloride	5.78	117	27606	14.36	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	25787	13.25	ug/l	96
40) Benzene	6.13	78	90311	16.13	ug/l	95
41) Methacrylonitrile	5.06	41	23468	17.19	ug/l	98
42) 1,2-Dichloroethane	6.20	62	32002	15.96	ug/l	99
43) Isopropyl Acetate	6.46	43	56348	15.40	ug/l	95
44) Trichloroethene	7.21	130	25247	17.75	ug/l	94
45) 1,2-Dichloropropane	7.52	63	22258	16.38	ug/l	97
46) Dibromomethane	7.66	93	13564	15.90	ug/l	95
47) Bromodichloromethane	7.90	83	25643	15.91	ug/l	98
48) Methyl methacrylate	7.78	41	26044	15.85	ug/l	98
49) 1,4-Dioxane	7.75	88	11996	338.74	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	183955	79.75	ug/l	98
52) Toluene	8.79	92	47753	15.26	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	27064	14.23	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	29852	15.40	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	20837	14.94	ug/l	97
56) Ethyl methacrylate	9.18	69	29710	14.24	ug/l	96
57) 1,3-Dichloropropane	9.37	76	34219	14.60	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	89971	84.78	ug/l	99
59) 2-Hexanone	9.49	43	144523	71.08	ug/l	98
60) Dibromochloromethane	9.59	129	20153	13.37	ug/l	100
61) 1,2-Dibromoethane	9.67	107	21290	13.80	ug/l	100
64) Tetrachloroethene	9.34	164	22331	17.46	ug/l	98
65) Chlorobenzene	10.14	112	54889	18.24	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	19293	18.44	ug/l	99
67) Ethyl Benzene	10.25	91	91477	18.96	ug/l	100
68) m/p-Xylenes	10.36	106	69909	37.99	ug/l	98
69) o-Xylene	10.70	106	34022	20.62	ug/l	100
70) Styrene	10.71	104	57022	20.95	ug/l	99
71) Bromoform	10.86	173	16624	18.96	ug/l #	98
73) Isopropylbenzene	11.02	105	94722	19.84	ug/l	99
74) N-amyl acetate	10.90	43	41482	16.35	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	33103	18.89	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	32412m	19.28	ug/l	
77) Bromobenzene	11.26	156	25394	18.87	ug/l	100
78) n-propylbenzene	11.36	91	107653	19.14	ug/l	100
79) 2-Chlorotoluene	11.42	91	65154	19.16	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	79661	19.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	8972	17.01	ug/l	95
82) 4-Chlorotoluene	11.51	91	75671	18.88	ug/l	100
83) tert-Butylbenzene	11.77	119	78607	19.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	81932	18.23	ug/l	100
85) sec-Butylbenzene	11.94	105	95035	18.94	ug/l	100
86) p-Isopropyltoluene	12.07	119	85306	19.19	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	46786	18.12	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	46787	17.70	ug/l	98
89) n-Butylbenzene	12.39	91	71705	17.41	ug/l	100
90) Hexachloroethane	12.60	117	12086	16.29	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	46844	18.11	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7671	17.94	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	34711	19.06	ug/l	100
94) Hexachlorobutadiene	13.79	225	16381	17.13	ug/l	99
95) Naphthalene	13.83	128	108164	18.96	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	35742	19.27	ug/l	100

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

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