

Data File : VX019278.D
Acq On : 04 Nov 2020 18:57
Operator : JC/MD
Sample : VX1106WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

Manual Integrations
APPROVED

MMDadoda
11/5/2020 7:02:28 PM

Quant Time: Nov 05 02:53:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	247725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	423226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	378857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190589	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	162523	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	5.46	113	125702	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	8.70	98	480758	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	11.12	95	179312	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	39252	19.006	ug/l	97
3) Chloromethane	1.31	50	47227	20.469	ug/l	100
4) Vinyl Chloride	1.39	62	53970	20.170	ug/l	100
5) Bromomethane	1.64	94	40573	22.203	ug/l	100
6) Chloroethane	1.72	64	36137	21.153	ug/l	97
7) Trichlorofluoromethane	1.92	101	82811	19.700	ug/l	99
8) Diethyl Ether	2.17	74	33854	20.984	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45657	19.595	ug/l	98
10) Methyl Iodide	2.49	142	48268	21.690	ug/l	98
11) Tert butyl alcohol	3.02	59	64422	102.095	ug/l	100
12) 1,1-Dichloroethene	2.36	96	46402	19.326	ug/l	98
13) Acrolein	2.28	56	22551	83.775	ug/l	98
14) Allyl chloride	2.71	41	72523	19.942	ug/l	99
15) Acrylonitrile	3.12	53	138245	104.260	ug/l	99
16) Acetone	2.42	43	114225	103.641	ug/l	99
17) Carbon Disulfide	2.55	76	123183	18.485	ug/l	99
18) Methyl Acetate	2.75	43	56309	21.010	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	165825	19.933	ug/l	98
20) Methylene Chloride	2.83	84	53959	19.502	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	52709	19.075	ug/l	96
22) Diisopropyl ether	3.82	45	153001	21.103	ug/l	95
23) Vinyl Acetate	3.78	43	671630	103.882	ug/l	98
24) 1,1-Dichloroethane	3.67	63	92868	20.516	ug/l	100
25) 2-Butanone	4.64	43	182457	105.044	ug/l	96
26) 2,2-Dichloropropane	4.55	77	81327	19.111	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	59765	19.355	ug/l	97
28) Bromochloromethane	4.98	49	42579	20.691	ug/l	92
29) Tetrahydrofuran	5.09	42	116616	106.536	ug/l	98
30) Chloroform	5.18	83	96981	20.128	ug/l	99
31) Cyclohexane	5.55	56	79611	19.714	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	87813	20.102	ug/l	98
36) 1,1-Dichloropropene	5.77	75	73809	18.886	ug/l	98
37) Ethyl Acetate	4.79	43	71343	19.661	ug/l	99
38) Carbon Tetrachloride	5.76	117	73310	18.403	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	85401	18.275	ug/l	97
40) Benzene	6.11	78	214198	19.330	ug/l	99
41) Methacrylonitrile	5.00	41	38545	19.725	ug/l	98
42) 1,2-Dichloroethane	6.17	62	80904	19.811	ug/l	100
43) Isopropyl Acetate	6.41	43	117311	19.308	ug/l	99
44) Trichloroethene	7.19	130	57605	18.152	ug/l	92
45) 1,2-Dichloropropane	7.49	63	54955	20.248	ug/l	100
46) Dibromomethane	7.63	93	37979	18.923	ug/l	95
47) Bromodichloromethane	7.87	83	75972	19.205	ug/l	97
48) Methyl methacrylate	7.74	41	57162	19.547	ug/l	98
49) 1,4-Dioxane	7.73	88	24991	384.270	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	360439	103.215	ug/l	99
52) Toluene	8.76	92	135478	18.983	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	80612	17.841	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	87864	18.493	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	54651	19.381	ug/l	97
56) Ethyl methacrylate	9.16	69	80380	18.872	ug/l	97
57) 1,3-Dichloropropane	9.35	76	92567	19.470	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	228238	95.817	ug/l	96
59) 2-Hexanone	9.47	43	274134	103.126	ug/l	98
60) Dibromochloromethane	9.56	129	55958	18.285	ug/l	100
61) 1,2-Dibromoethane	9.65	107	56994	18.901	ug/l	98
64) Tetrachloroethene	9.32	164	54073	18.733	ug/l	94
65) Chlorobenzene	10.12	112	142905	18.455	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	51551	18.492	ug/l	100
67) Ethyl Benzene	10.23	91	258505	18.735	ug/l	100
68) m/p-Xylenes	10.34	106	194838	37.623	ug/l	99
69) o-Xylene	10.68	106	91214	18.570	ug/l	98
70) Styrene	10.70	104	155860	18.597	ug/l	99
71) Bromoform	10.84	173	37198	16.830	ug/l #	99
73) Isopropylbenzene	11.00	105	251395	18.634	ug/l	100
74) N-amyl acetate	10.88	43	93932	19.043	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	82785	19.635	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	77143m	19.603	ug/l	
77) Bromobenzene	11.24	156	59582	17.795	ug/l	93
78) n-propylbenzene	11.34	91	287475	18.667	ug/l	100
79) 2-Chlorotoluene	11.40	91	171241	18.887	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	210992	18.513	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	24516	16.403	ug/l	93
82) 4-Chlorotoluene	11.49	91	203530	18.383	ug/l	98
83) tert-Butylbenzene	11.76	119	198898	18.226	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	214451	18.638	ug/l	100
85) sec-Butylbenzene	11.93	105	246563	18.839	ug/l	99
86) p-Isopropyltoluene	12.05	119	222006	18.377	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	112000	17.962	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	114781	17.684	ug/l	97
89) n-Butylbenzene	12.37	91	206065	18.147	ug/l	98
90) Hexachloroethane	12.58	117	35960	17.513	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	109169	18.233	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18524	17.947	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110620\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	73344	16.308	ug/l	100
94) Hexachlorobutadiene	13.76	225	31647	15.985	ug/l	97
95) Naphthalene	13.82	128	238905	16.867	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	73036	16.740	ug/l	97

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

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