Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073020\
Data File : VX017685.D
Acq On : 30 Jul 2020 16:42
Operator : JC/SP
Sample : L3514-04MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

Manual Integrations APPROVED
MMDadoda
7/31/2020 11:58:01 AM

Quant Time: Jul 31 06:36:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	590262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	879756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	863898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	462044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	337479	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.02%			
35) Dibromofluoromethane	5.47	113	261889	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.02%			
50) Toluene-d8	8.70	98	916552	43.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.36%			
62) 4-Bromofluorobenzene	11.12	95	361200	42.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	239362	43.578	ug/l	97
3) Chloromethane	1.31	50	281632	38.684	ug/l	99
4) Vinyl Chloride	1.39	62	287841	38.752	ug/l	99
5) Bromomethane	1.62	94	172864	42.864	ug/l	99
6) Chloroethane	1.71	64	177602	43.258	ug/l	97
7) Trichlorofluoromethane	1.92	101	475256	40.679	ug/l	98
8) Diethyl Ether	2.17	74	165574	43.538	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	252736	39.421	ug/l	98
10) Methyl Iodide	2.50	142	293108	35.735	ug/l	97
11) Tert butyl alcohol	3.02	59	331767	207.613	ug/l	99
12) 1,1-Dichloroethene	2.36	96	246888	40.495	ug/l	97
13) Acrolein	2.27	56	284204	233.226	ug/l	100
14) Allyl chloride	2.71	41	476295	42.784	ug/l	97
15) Acrylonitrile	3.12	53	730691	211.702	ug/l	100
16) Acetone	2.42	43	700066	209.778	ug/l	96
17) Carbon Disulfide	2.55	76	685524	36.993	ug/l	97
18) Methyl Acetate	2.75	43	345590	43.971	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	877386	41.578	ug/l	100
20) Methylene Chloride	2.83	84	290358	46.097	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	266927	40.868	ug/l	98
22) Diisopropyl ether	3.83	45	863363	42.414	ug/l	98
23) Vinyl Acetate	3.79	43	3817105	210.316	ug/l	100
24) 1,1-Dichloroethane	3.67	63	496693	42.359	ug/l	99
25) 2-Butanone	4.64	43	1037171	218.775	ug/l	97
26) 2,2-Dichloropropane	4.56	77	426858	40.668	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	304233	42.885	ug/l	98
28) Bromochloromethane	4.98	49	227441	42.803	ug/l	97
29) Tetrahydrofuran	5.09	42	656782	223.655	ug/l	100
30) Chloroform	5.18	83	608163	50.759	ug/l	98
31) Cyclohexane	5.55	56	394111	42.147	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	490215	43.389	ug/l	99
36) 1,1-Dichloropropene	5.77	75	365780	43.351	ug/l	99
37) Ethyl Acetate	4.80	43	390222	42.268	ug/l	98
38) Carbon Tetrachloride	5.76	117	450172	43.935	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.44	83	398426	40.450	ug/l		96
40) Benzene	6.12	78	1060380	43.835	ug/l		99
41) Methacrylonitrile	5.01	41	228807	43.238	ug/l		99
42) 1,2-Dichloroethane	6.17	62	432427	43.695	ug/l		100
43) Isopropyl Acetate	6.42	43	644099	42.285	ug/l		99
44) Trichloroethene	7.19	130	320015	45.267	ug/l		98
45) 1,2-Dichloropropane	7.49	63	279228	41.639	ug/l		96
46) Dibromomethane	7.64	93	202355	42.698	ug/l		99
47) Bromodichloromethane	7.88	83	433272	45.436	ug/l		99
48) Methyl methacrylate	7.74	41	329622	43.655	ug/l		98
49) 1,4-Dioxane	7.71	88	129793	896.594	ug/l		99
51) 4-Methyl-2-Pentanone	8.62	43	2055477	226.160	ug/l		100
52) Toluene	8.77	92	674934	43.506	ug/l		99
53) t-1,3-Dichloropropene	9.02	75	462750	43.351	ug/l		100
54) cis-1,3-Dichloropropene	8.42	75	469692	43.138	ug/l		99
55) 1,1,2-Trichloroethane	9.20	97	283197	43.821	ug/l		99
56) Ethyl methacrylate	9.16	69	431984	44.367	ug/l		100
57) 1,3-Dichloropropane	9.35	76	472963	44.445	ug/l		100
59) 2-Hexanone	9.48	43	1582390	231.253	ug/l		98
60) Dibromochloromethane	9.57	129	365546	44.502	ug/l		99
61) 1,2-Dibromoethane	9.65	107	316651	46.022	ug/l		100
64) Tetrachloroethene	9.32	164	315925	40.745	ug/l		95
65) Chlorobenzene	10.12	112	800153	42.791	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.21	131	316790	41.977	ug/l		99
67) Ethyl Benzene	10.24	91	1337379	42.845	ug/l		99
68) m/p-Xylenes	10.34	106	1031728	85.321	ug/l		96
69) o-Xylene	10.68	106	494649	42.532	ug/l		100
70) Styrene	10.70	104	866873	43.809	ug/l		99
71) Bromoform	10.84	173	272122	41.619	ug/l	#	96
73) Isopropylbenzene	11.00	105	1346702	42.487	ug/l		99
74) N-amyl acetate	10.88	43	563269	39.996	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.25	83	395255	39.950	ug/l		99
76) 1,2,3-Trichloropropane	11.28	75	378336m	39.806	ug/l		
77) Bromobenzene	11.24	156	355328	40.043	ug/l		100
78) n-propylbenzene	11.34	91	1523733	42.623	ug/l		99
79) 2-Chlorotoluene	11.40	91	917568	41.434	ug/l		100
80) 1,3,5-Trimethylbenzene	11.49	105	1138563	42.071	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.06	75	149510	39.637	ug/l		98
82) 4-Chlorotoluene	11.49	91	1077581	41.251	ug/l		100
83) tert-Butylbenzene	11.76	119	1083121	41.826	ug/l		99
84) 1,2,4-Trimethylbenzene	11.79	105	1178658	43.788	ug/l		100
85) sec-Butylbenzene	11.93	105	1260438	41.783	ug/l		100
86) p-Isopropyltoluene	12.05	119	1213947	42.257	ug/l		99
87) 1,3-Dichlorobenzene	12.01	146	630784	41.395	ug/l		99
88) 1,4-Dichlorobenzene	12.08	146	657502	41.656	ug/l		99
89) n-Butylbenzene	12.37	91	1048548	40.962	ug/l		98
90) Hexachloroethane	12.58	117	229607	40.540	ug/l		98
91) 1,2-Dichlorobenzene	12.38	146	614396	41.024	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106256	38.596	ug/l		99
93) 1,2,4-Trichlorobenzene	13.63	180	450682	44.092	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	182909	38.875 ug/l	98
95) Naphthalene	13.82	128	1400991	45.915 ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	423214	41.934 ug/l	98

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

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