Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050420\
Data File : VX016033.D
Acq On : 04 May 2020 13:10
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
5/5/2020 11:35:24 AM

Quant Time: May 04 13:37:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Mon May 04 13:19:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	315897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	515241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	486266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	246365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	421229	87.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 175.02%			
35) Dibromofluoromethane	5.47	113	331346	90.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 181.94%			
50) Toluene-d8	8.70	98	1290911	95.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 190.22%			
62) 4-Bromofluorobenzene	11.12	95	499481	102.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 205.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	341456	102.594	ug/l	99
3) Chloromethane	1.31	50	375281	94.269	ug/l	100
4) Vinyl Chloride	1.39	62	413110	98.515	ug/l	99
5) Bromomethane	1.62	94	187325	73.656	ug/l	96
6) Chloroethane	1.70	64	258305	98.284	ug/l	99
7) Trichlorofluoromethane	1.90	101	542491	98.937	ug/l	98
8) Diethyl Ether	2.17	74	226037	97.369	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	312658	99.089	ug/l	98
10) Methyl Iodide	2.49	142	456373	113.172	ug/l	100
11) Tert butyl alcohol	3.03	59	543601	528.161	ug/l	100
12) 1,1-Dichloroethene	2.35	96	327822	99.154	ug/l	95
13) Acrolein	2.28	56	341583	541.467	ug/l	100
14) Allyl chloride	2.70	41	608491	100.773	ug/l	99
15) Acrylonitrile	3.12	53	1114047	512.582	ug/l	100
16) Acetone	2.42	43	937163	502.945	ug/l	99
17) Carbon Disulfide	2.54	76	1003232	84.884	ug/l	99
18) Methyl Acetate	2.75	43	457567	99.669	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1154745	102.419	ug/l	99
20) Methylene Chloride	2.83	84	364866	92.754	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	359707	96.812	ug/l	100
22) Diisopropyl ether	3.83	45	1144769	100.425	ug/l	88
23) Vinyl Acetate	3.79	43	5218090	528.815	ug/l	99
24) 1,1-Dichloroethane	3.67	63	641625	100.926	ug/l	99
25) 2-Butanone	4.64	43	1561587	530.439	ug/l	99
26) 2,2-Dichloropropane	4.55	77	575733	97.870	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	402790	100.719	ug/l	100
28) Bromochloromethane	4.98	49	292946	101.712	ug/l	99
29) Tetrahydrofuran	5.09	42	1025774	523.248	ug/l	100
30) Chloroform	5.18	83	640236	101.064	ug/l	98
31) Cyclohexane	5.55	56	591703	99.748	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	584127	101.564	ug/l	100
36) 1,1-Dichloropropene	5.77	75	495485	96.344	ug/l	99
37) Ethyl Acetate	4.80	43	599108	102.294	ug/l	100
38) Carbon Tetrachloride	5.76	117	516904	100.014	ug/l	95

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ALS Vial : 7 Sample Multiplier: 1

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Quant Time: May 04 13:37:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Mon May 04 13:19:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.44	83	608637	99.235	ug/l		99
40) Benzene	6.12	78	1452223	96.482	ug/l		100
41) Methacrylonitrile	5.01	41	325841	103.017	ug/l		99
42) 1,2-Dichloroethane	6.17	62	523568	96.293	ug/l		99
43) Isopropyl Acetate	6.42	43	959183	102.921	ug/l		100
44) Trichloroethene	7.19	130	479135	86.085	ug/l		100
45) 1,2-Dichloropropane	7.49	63	373120	98.715	ug/l		98
46) Dibromomethane	7.64	93	253204	98.515	ug/l		99
47) Bromodichloromethane	7.88	83	530322	102.768	ug/l		98
48) Methyl methacrylate	7.75	41	459006	104.670	ug/l		100
49) 1,4-Dioxane	7.72	88	215883	2035.398	ug/l		100
51) 4-Methyl-2-Pentanone	8.62	43	2966419	522.810	ug/l		99
52) Toluene	8.77	92	930433	100.332	ug/l		100
53) t-1,3-Dichloropropene	9.02	75	625432	101.293	ug/l		100
54) cis-1,3-Dichloropropene	8.42	75	648512	99.966	ug/l		98
55) 1,1,2-Trichloroethane	9.20	97	368854	101.786	ug/l		99
56) Ethyl methacrylate	9.16	69	634412	110.654	ug/l		99
57) 1,3-Dichloropropane	9.35	76	631859	98.936	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.29	63	1616196	517.495	ug/l		100
59) 2-Hexanone	9.48	43	2316928	521.062	ug/l		99
60) Dibromochloromethane	9.57	129	421494	107.948	ug/l		99
61) 1,2-Dibromoethane	9.66	107	401064	102.350	ug/l		100
64) Tetrachloroethene	9.32	164	561083	90.861	ug/l		97
65) Chlorobenzene	10.12	112	988191	95.842	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.21	131	380324	101.386	ug/l		99
67) Ethyl Benzene	10.24	91	1786384	97.394	ug/l		100
68) m/p-Xylenes	10.34	106	1358889	199.481	ug/l		99
69) o-Xylene	10.68	106	653389	100.220	ug/l		100
70) Styrene	10.70	104	1151414	106.085	ug/l		100
71) Bromoform	10.84	173	324684	111.231	ug/l	#	97
73) Isopropylbenzene	11.01	105	1758561	96.105	ug/l		99
74) N-amyl acetate	10.88	43	839971	100.369	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.26	83	399516	149.585	ug/l		99
76) 1,2,3-Trichloropropane	11.28	75	537172m	74.635	ug/l		
77) Bromobenzene	11.24	156	446356	94.394	ug/l		99
78) n-propylbenzene	11.35	91	2047511	96.447	ug/l		100
79) 2-Chlorotoluene	11.41	91	1197714	95.388	ug/l		100
80) 1,3,5-Trimethylbenzene	11.49	105	1518868	99.688	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.06	75	245566	106.624	ug/l		98
82) 4-Chlorotoluene	11.49	91	1423362	96.574	ug/l		100
83) tert-Butylbenzene	11.76	119	1300149	99.085	ug/l		100
84) 1,2,4-Trimethylbenzene	11.79	105	1513350	98.034	ug/l		100
85) sec-Butylbenzene	11.93	105	1741040	97.820	ug/l		100
86) p-Isopropyltoluene	12.05	119	1624201	98.653	ug/l		100
87) 1,3-Dichlorobenzene	12.01	146	799041	94.032	ug/l		100
88) 1,4-Dichlorobenzene	12.09	146	797361	93.721	ug/l		99
89) n-Butylbenzene	12.37	91	1483299	99.013	ug/l		100
90) Hexachloroethane	12.58	117	292381	106.864	ug/l		99
91) 1,2-Dichlorobenzene	12.38	146	775269	95.099	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	147099	99.924	ug/l		98

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Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations APPROVED
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5/5/2020 11:35:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	572668	95.257	ug/l	96
94) Hexachlorobutadiene	13.77	225	255706	90.558	ug/l	98
95) Naphthalene	13.82	128	1889591	97.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	564499	95.965	ug/l	98

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

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