Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
Data File : VU034273.D
Acq On : 05 Sep 2019 10:00
Operator : JC/SP
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
MMDadoda
9/6/2019 3:21:30 PM

Quant Time: Sep 06 04:31:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 04:16:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	309822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	448497	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	439314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	289488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	89490	22.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 44.02%			
35) Dibromofluoromethane	4.86	113	77481	23.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 47.12%			
50) Toluene-d8	7.55	98	306274	24.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 49.44%			
62) 4-Bromofluorobenzene	10.29	95	110394	23.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 46.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	60639	20.080	ug/l	98
3) Chloromethane	1.32	50	72994	16.387	ug/l	97
4) Vinyl Chloride	1.40	62	78016	19.484	ug/l	98
5) Bromomethane	1.62	94	45999	21.540	ug/l	99
6) Chloroethane	1.69	64	49714	19.984	ug/l	98
7) Trichlorofluoromethane	1.88	101	105232	22.077	ug/l	99
8) Diethyl Ether	2.09	74	46654	22.681	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	68980	22.686	ug/l	98
10) Methyl Iodide	2.40	142	53924	13.562	ug/l	97
11) Tert butyl alcohol	2.81	59	90606	99.457	ug/l	100
12) 1,1-Dichloroethene	2.27	96	65925	21.518	ug/l	98
13) Acrolein	2.18	56	81752	175.882	ug/l	99
14) Allyl chloride	2.58	41	122539m	21.188	ug/l	
15) Acrylonitrile	2.92	53	248433	116.924	ug/l	98
16) Acetone	2.31	43	244959	120.421	ug/l	99
17) Carbon Disulfide	2.47	76	141443	15.321	ug/l	99
18) Methyl Acetate	2.60	43	109754	20.882	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	242393	23.613	ug/l	99
20) Methylene Chloride	2.69	84	81232	21.221	ug/l	98
21) trans-1,2-Dichloroethene	2.97	96	68064	20.588	ug/l	96
22) Diisopropyl ether	3.55	45	258498	23.994	ug/l	95
23) Vinyl Acetate	3.51	43	1029390	112.252	ug/l	100
24) 1,1-Dichloroethane	3.43	63	146621	23.166	ug/l	99
25) 2-Butanone	4.24	43	328820	116.295	ug/l	100
26) 2,2-Dichloropropane	4.20	77	117344	22.816	ug/l	99
27) cis-1,2-Dichloroethene	4.21	96	83626	22.146	ug/l	99
28) Bromochloromethane	4.52	49	68193	21.738	ug/l	100
29) Tetrahydrofuran	4.62	42	200552	114.985	ug/l	99
30) Chloroform	4.65	83	147690	23.208	ug/l	99
31) Cyclohexane	4.97	56	107328	18.826	ug/l	96
32) 1,1,1-Trichloroethane	4.89	97	120729	23.326	ug/l	99
36) 1,1-Dichloropropene	5.12	75	93953	22.118	ug/l	99
37) Ethyl Acetate	4.36	43	116212	24.091	ug/l	97
38) Carbon Tetrachloride	5.12	117	100140	23.992	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 04:16:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	6.40	83	98163	19.953	ug/l		96
40) Benzene	5.37	78	311936	23.946	ug/l		99
41) Methacrylonitrile	4.52	41	61281	24.518	ug/l		99
42) 1,2-Dichloroethane	5.39	62	108579	24.162	ug/l		99
43) Isopropyl Acetate	5.53	43	174643	23.672	ug/l		99
44) Trichloroethene	6.17	130	85158	24.637	ug/l		100
45) 1,2-Dichloropropane	6.41	63	90573	25.018	ug/l		95
46) Dibromomethane	6.54	93	57045	24.491	ug/l		99
47) Bromodichloromethane	6.74	83	115384	25.123	ug/l		100
48) Methyl methacrylate	6.60	41	80105	22.668	ug/l		99
49) 1,4-Dioxane	6.59	88	33361	384.527	ug/l		92
51) 4-Methyl-2-Pentanone	7.44	43	612832	119.893	ug/l		99
52) Toluene	7.62	92	197377	24.468	ug/l		98
53) t-1,3-Dichloropropene	7.86	75	116225	23.078	ug/l		97
54) cis-1,3-Dichloropropene	7.25	75	134047	24.276	ug/l		97
55) 1,1,2-Trichloroethane	8.05	97	87835	25.390	ug/l		99
56) Ethyl methacrylate	8.00	69	115379	22.603	ug/l		98
57) 1,3-Dichloropropane	8.22	76	143875	24.679	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.11	63	191361	103.822	ug/l		100
59) 2-Hexanone	8.34	43	461070	119.621	ug/l		99
60) Dibromochloromethane	8.46	129	94416	25.329	ug/l		100
61) 1,2-Dibromoethane	8.57	107	86624	24.024	ug/l		100
64) Tetrachloroethene	8.21	164	76808	25.501	ug/l		97
65) Chlorobenzene	9.10	112	222851	24.210	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.19	131	83511	24.830	ug/l		99
67) Ethyl Benzene	9.23	91	361430	23.333	ug/l		99
68) m/p-Xylenes	9.36	106	282048	47.711	ug/l		99
69) o-Xylene	9.76	106	135870	23.929	ug/l		98
70) Styrene	9.77	104	244075	24.936	ug/l		99
71) Bromoform	9.94	173	72959	24.887	ug/l	#	98
73) Isopropylbenzene	10.15	105	375344	19.800	ug/l		100
74) N-amyl acetate	10.00	43	147412	18.629	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.44	83	149389	20.355	ug/l		100
76) 1,2,3-Trichloropropane	10.47	75	120756m	19.120	ug/l		
77) Bromobenzene	10.43	156	101748	19.782	ug/l		97
78) n-propylbenzene	10.57	91	439249	19.882	ug/l		99
79) 2-Chlorotoluene	10.64	91	266798	20.105	ug/l		99
80) 1,3,5-Trimethylbenzene	10.75	105	329361	20.490	ug/l		100
81) trans-1,4-Dichloro-2-buten	10.49	75	40520m	21.257	ug/l		
82) 4-Chlorotoluene	10.75	91	313318	20.477	ug/l		99
83) tert-Butylbenzene	11.08	119	312445	19.737	ug/l		99
84) 1,2,4-Trimethylbenzene	11.13	105	329054	20.613	ug/l		99
85) sec-Butylbenzene	11.30	105	382371	20.148	ug/l		100
86) p-Isopropyltoluene	11.46	119	354542	20.638	ug/l		100
87) 1,3-Dichlorobenzene	11.40	146	190650	20.861	ug/l		99
88) 1,4-Dichlorobenzene	11.49	146	196447	21.185	ug/l		99
89) n-Butylbenzene	11.87	91	302508	20.001	ug/l		98
90) Hexachloroethane	12.12	117	51612	17.569	ug/l		98
91) 1,2-Dichlorobenzene	11.86	146	188539	21.463	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	28198	19.401	ug/l		99

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9/6/2019 3:21:30 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	117761	21.934	ug/l	100
94) Hexachlorobutadiene	13.67	225	65746	19.486	ug/l	99
95) Naphthalene	13.73	128	308713	20.843	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	118087	20.952	ug/l	99

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

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