Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006687.D
Acq On : 20 Dec 2018 20:14
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/21/2018 10:19:04 AM

Quant Time: Dec 21 04:37:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	558563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	873219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	801045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	412497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	301863	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.28%			
35) Dibromofluoromethane	5.50	113	272421	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.66%			
50) Toluene-d8	8.71	98	1039015	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.82%			
62) 4-Bromofluorobenzene	11.13	95	383310	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	236911	46.363	ug/l	99
3) Chloromethane	1.33	50	263212	47.812	ug/l	100
4) Vinyl Chloride	1.41	62	284291	49.445	ug/l	97
5) Bromomethane	1.64	94	277642	51.815	ug/l	97
6) Chloroethane	1.72	64	184927	46.451	ug/l	99
7) Trichlorofluoromethane	1.93	101	449833	50.182	ug/l	98
8) Diethyl Ether	2.19	74	173547	48.743	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	261604	49.704	ug/l	99
10) Methyl Iodide	2.51	142	364964	48.441	ug/l	99
11) Tert butyl alcohol	3.07	59	345868	257.440	ug/l	100
12) 1,1-Dichloroethene	2.37	96	243815	48.855	ug/l	97
13) Acrolein	2.30	56	199812	220.464	ug/l	97
14) Allyl chloride	2.73	41	428112	50.963	ug/l	99
15) Acrylonitrile	3.15	53	800695	268.423	ug/l	100
16) Acetone	2.45	43	676531	244.610	ug/l	100
17) Carbon Disulfide	2.57	76	600839	45.494	ug/l	99
18) Methyl Acetate	2.78	43	443691	54.557	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	874493	52.795	ug/l	99
20) Methylene Chloride	2.85	84	284540	49.753	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	265072	47.937	ug/l	98
22) Diisopropyl ether	3.87	45	819898	53.351	ug/l	94
23) Vinyl Acetate	3.82	43	3279202	260.865	ug/l	99
24) 1,1-Dichloroethane	3.70	63	457820	49.904	ug/l	98
25) 2-Butanone	4.70	43	1007644	259.009	ug/l	99
26) 2,2-Dichloropropane	4.59	77	323303	45.622	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	312395	51.205	ug/l	99
28) Bromochloromethane	5.02	49	212595	55.165	ug/l	99
29) Tetrahydrofuran	5.15	42	678042	264.619	ug/l	100
30) Chloroform	5.21	83	493769	51.975	ug/l	100
31) Cyclohexane	5.57	56	405323	48.633	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	416427	51.912	ug/l	99
36) 1,1-Dichloropropene	5.80	75	358274	49.538	ug/l	100
37) Ethyl Acetate	4.85	43	387857	51.526	ug/l	98
38) Carbon Tetrachloride	5.79	117	350620	49.885	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	454738	47.759	ug/l		99
40) Benzene	6.14	78	1110256	50.504	ug/l		99
41) Methacrylonitrile	5.06	41	216706	54.224	ug/l		99
42) 1,2-Dichloroethane	6.20	62	373722	49.889	ug/l		99
43) Isopropyl Acetate	6.46	43	611502	53.390	ug/l		99
44) Trichloroethene	7.21	130	322601	48.484	ug/l		99
45) 1,2-Dichloropropane	7.52	63	276364	51.660	ug/l		99
46) Dibromomethane	7.66	93	199595	50.723	ug/l		100
47) Bromodichloromethane	7.90	83	338407	51.800	ug/l		97
48) Methyl methacrylate	7.77	41	318491	54.682	ug/l		100
49) 1,4-Dioxane	7.75	88	160445	1053.917	ug/l		99
51) 4-Methyl-2-Pentanone	8.65	43	1988474	272.863	ug/l		99
52) Toluene	8.79	92	738703	52.012	ug/l		100
53) t-1,3-Dichloropropene	9.04	75	368511	52.595	ug/l		98
54) cis-1,3-Dichloropropene	8.43	75	418403	54.423	ug/l		98
55) 1,1,2-Trichloroethane	9.21	97	303495	52.207	ug/l		98
56) Ethyl methacrylate	9.18	69	446742	54.372	ug/l		98
57) 1,3-Dichloropropane	9.37	76	479915	51.312	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.31	63	1149152	263.112	ug/l		99
59) 2-Hexanone	9.49	43	1504610	269.849	ug/l		99
60) Dibromochloromethane	9.59	129	297943	49.050	ug/l		98
61) 1,2-Dibromoethane	9.67	107	328642	53.181	ug/l		99
64) Tetrachloroethene	9.34	164	316962	49.970	ug/l		99
65) Chlorobenzene	10.14	112	853166	50.344	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.22	131	288974	54.654	ug/l		99
67) Ethyl Benzene	10.25	91	1413368	51.038	ug/l		98
68) m/p-Xylenes	10.36	106	1118523	102.361	ug/l		100
69) o-Xylene	10.70	106	548947	50.873	ug/l		98
70) Styrene	10.71	104	885622	51.878	ug/l		99
71) Bromoform	10.86	173	218047	46.101	ug/l	#	98
73) Isopropylbenzene	11.02	105	1460272	51.746	ug/l		99
74) N-amyl acetate	10.90	43	549253	54.376	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.27	83	446655	53.220	ug/l		99
76) 1,2,3-Trichloropropane	11.30	75	416365m	54.314	ug/l		
77) Bromobenzene	11.26	156	392773	51.482	ug/l		99
78) n-propylbenzene	11.36	91	1621310	52.173	ug/l		100
79) 2-Chlorotoluene	11.42	91	962262	51.097	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	1202907	51.752	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.07	75	113540	45.491	ug/l		97
82) 4-Chlorotoluene	11.51	91	1097884	50.824	ug/l		100
83) tert-Butylbenzene	11.77	119	1225011	52.659	ug/l		100
84) 1,2,4-Trimethylbenzene	11.80	105	1241833	50.794	ug/l		100
85) sec-Butylbenzene	11.94	105	1472356	51.622	ug/l		100
86) p-Isopropyltoluene	12.06	119	1322521	52.749	ug/l		99
87) 1,3-Dichlorobenzene	12.02	146	701929	51.049	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	695303	49.328	ug/l		100
89) n-Butylbenzene	12.39	91	1127825	52.856	ug/l		99
90) Hexachloroethane	12.60	117	190356	48.610	ug/l		99
91) 1,2-Dichlorobenzene	12.39	146	688114	50.028	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	92406	53.213	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	483852	50.997	ug/l	100
94) Hexachlorobutadiene	13.78	225	221847	49.607	ug/l	98
95) Naphthalene	13.83	128	1546507	51.070	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	484220	49.429	ug/l	99

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

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