Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051619\
Data File : VX009647.D
Acq On : 17 May 2019 07:33
Operator : JC/SP
Sample : K2887-14MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS052MW749-190514MS

Manual Integrations APPROVED
MMDadoda
5/17/2019 1:25:14 PM

Quant Time: May 17 08:12:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	151336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	247652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107643	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.20%			
35) Dibromofluoromethane	5.50	113	80036	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.82%			
50) Toluene-d8	8.71	98	312871	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.56%			
62) 4-Bromofluorobenzene	11.13	95	118264	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	58853	42.201	ug/l	98
3) Chloromethane	1.32	50	92929	48.808	ug/l	99
4) Vinyl Chloride	1.41	62	90418	48.701	ug/l	98
5) Bromomethane	1.64	94	59155	53.084	ug/l	100
6) Chloroethane	1.72	64	57955	48.619	ug/l	96
7) Trichlorofluoromethane	1.93	101	114263	50.630	ug/l	100
8) Diethyl Ether	2.19	74	55368	51.794	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69134	48.782	ug/l	99
10) Methyl Iodide	2.51	142	88323	53.304	ug/l	98
11) Tert butyl alcohol	3.04	59	128740	269.213	ug/l	99
12) 1,1-Dichloroethene	2.37	96	71653	50.461	ug/l	98
13) Acrolein	2.29	56	81253	187.616	ug/l	99
14) Allyl chloride	2.73	41	167250	48.332	ug/l	98
15) Acrylonitrile	3.14	53	312049	266.878	ug/l	99
16) Acetone	2.45	43	273062	246.153	ug/l	99
17) Carbon Disulfide	2.57	76	190169	47.701	ug/l	98
18) Methyl Acetate	2.78	43	124865	47.330	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	290781	52.734	ug/l	99
20) Methylene Chloride	2.85	84	88846	49.465	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	78009	50.657	ug/l	98
22) Diisopropyl ether	3.85	45	353679	53.146	ug/l	98
23) Vinyl Acetate	3.81	43	1380054	242.172	ug/l	99
24) 1,1-Dichloroethane	3.70	63	169528	51.639	ug/l	99
25) 2-Butanone	4.67	43	459845	266.756	ug/l	99
26) 2,2-Dichloropropane	4.59	77	68826	28.166	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	94268	51.285	ug/l	96
28) Bromochloromethane	5.02	49	62651	47.257	ug/l	97
29) Tetrahydrofuran	5.13	42	304302	274.322	ug/l	98
30) Chloroform	5.21	83	158567	53.404	ug/l	99
31) Cyclohexane	5.58	56	153692	50.319	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	127787	51.699	ug/l	99
36) 1,1-Dichloropropene	5.80	75	115075	50.001	ug/l	100
37) Ethyl Acetate	4.83	43	156225	48.719	ug/l	99
38) Carbon Tetrachloride	5.79	117	108825	52.044	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	134727	47.667	ug/l		98
40) Benzene	6.14	78	360553	50.621	ug/l		100
41) Methacrylonitrile	5.04	41	98964	51.846	ug/l		99
42) 1,2-Dichloroethane	6.19	62	133648	52.308	ug/l		99
43) Isopropyl Acetate	6.45	43	261054	50.896	ug/l		99
44) Trichloroethene	7.21	130	85758	49.804	ug/l		95
45) 1,2-Dichloropropane	7.51	63	103813	51.473	ug/l		98
46) Dibromomethane	7.66	93	59605	50.893	ug/l		98
47) Bromodichloromethane	7.90	83	122412	52.397	ug/l		99
48) Methyl methacrylate	7.77	41	138689	54.501	ug/l		98
49) 1,4-Dioxane	7.74	88	50965	987.575	ug/l		98
51) 4-Methyl-2-Pentanone	8.64	43	923551	275.479	ug/l		99
52) Toluene	8.79	92	221812	51.231	ug/l		99
53) t-1,3-Dichloropropene	9.04	75	129216	48.990	ug/l		100
54) cis-1,3-Dichloropropene	8.43	75	140716	48.199	ug/l		98
55) 1,1,2-Trichloroethane	9.21	97	92940	52.616	ug/l		96
56) Ethyl methacrylate	9.18	69	169006	53.600	ug/l		99
57) 1,3-Dichloropropane	9.37	76	162288	52.210	ug/l		100
59) 2-Hexanone	9.49	43	717799	272.613	ug/l		99
60) Dibromochloromethane	9.58	129	92363	53.538	ug/l		100
61) 1,2-Dibromoethane	9.67	107	92906	52.105	ug/l		100
64) Tetrachloroethene	9.34	164	84470	53.656	ug/l		98
65) Chlorobenzene	10.14	112	230178	50.136	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.22	131	85741	51.513	ug/l		99
67) Ethyl Benzene	10.25	91	428825	50.752	ug/l		100
68) m/p-Xylenes	10.36	106	311957	101.033	ug/l		98
69) o-Xylene	10.69	106	151999	49.894	ug/l		99
70) Styrene	10.71	104	254178	48.004	ug/l		98
71) Bromoform	10.85	173	71143	52.596	ug/l	#	99
73) Isopropylbenzene	11.02	105	409449	48.765	ug/l		99
74) N-amyl acetate	10.90	43	230884	47.165	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.27	83	157477	50.311	ug/l		100
76) 1,2,3-Trichloropropane	11.29	75	133946m	50.011	ug/l		
77) Bromobenzene	11.26	156	102809	49.332	ug/l		100
78) n-propylbenzene	11.36	91	473461	49.375	ug/l		100
79) 2-Chlorotoluene	11.42	91	284343	48.063	ug/l		100
80) 1,3,5-Trimethylbenzene	11.51	105	350099	49.520	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.07	75	43858	41.898	ug/l		98
82) 4-Chlorotoluene	11.51	91	327416	48.990	ug/l		100
83) tert-Butylbenzene	11.77	119	339879	49.419	ug/l		99
84) 1,2,4-Trimethylbenzene	11.80	105	351859	49.584	ug/l		99
85) sec-Butylbenzene	11.94	105	394542	48.388	ug/l		100
86) p-Isopropyltoluene	12.06	119	358917	48.964	ug/l		100
87) 1,3-Dichlorobenzene	12.02	146	182570	49.142	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	183736	49.055	ug/l		100
89) n-Butylbenzene	12.38	91	321661	48.551	ug/l		100
90) Hexachloroethane	12.60	117	61087	48.916	ug/l		95
91) 1,2-Dichlorobenzene	12.39	146	186563	49.303	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35965	51.220	ug/l		100
93) 1,2,4-Trichlorobenzene	13.65	180	131101	50.664	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	63987	48.423	ug/l	99
95) Naphthalene	13.83	128	428742	50.927	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133373	50.847	ug/l	99

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

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