Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102919\
Data File : VX013275.D
Acq On : 29 Oct 2019 17:50
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
10/30/2019 10:49:22 AM

Quant Time: Oct 30 03:40:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	69730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	99515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	102077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	73983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	74248	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.82%			
35) Dibromofluoromethane	5.48	113	57969	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.48%			
50) Toluene-d8	8.71	98	205360	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.86%			
62) 4-Bromofluorobenzene	11.13	95	82989	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	68557	48.725	ug/l	99
3) Chloromethane	1.32	50	53428	46.186	ug/l	95
4) Vinyl Chloride	1.40	62	56808	44.864	ug/l	96
5) Bromomethane	1.63	94	30109	44.862	ug/l	97
6) Chloroethane	1.71	64	36126	51.033	ug/l	98
7) Trichlorofluoromethane	1.92	101	106869	53.464	ug/l	99
8) Diethyl Ether	2.18	74	33756	49.258	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62408	50.433	ug/l	99
10) Methyl Iodide	2.50	142	73109	47.115	ug/l	98
11) Tert butyl alcohol	3.03	59	84432	266.928	ug/l	99
12) 1,1-Dichloroethene	2.36	96	57870	48.718	ug/l	95
13) Acrolein	2.28	56	40600	237.270	ug/l	97
14) Allyl chloride	2.72	41	86456	46.232	ug/l	95
15) Acrylonitrile	3.13	53	160530	249.717	ug/l	99
16) Acetone	2.44	43	166292	242.020	ug/l	99
17) Carbon Disulfide	2.56	76	139230	43.598	ug/l	100
18) Methyl Acetate	2.76	43	79388	52.858	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	212655	50.838	ug/l	100
20) Methylene Chloride	2.84	84	66160	51.482	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	63826	51.626	ug/l	94
22) Diisopropyl ether	3.84	45	176863	48.369	ug/l	98
23) Vinyl Acetate	3.80	43	779494	250.813	ug/l	99
24) 1,1-Dichloroethane	3.69	63	112167	49.872	ug/l	98
25) 2-Butanone	4.65	43	224967	244.139	ug/l	95
26) 2,2-Dichloropropane	4.58	77	105742	50.872	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	72434	49.791	ug/l	98
28) Bromochloromethane	5.00	49	29992	51.716	ug/l	95
29) Tetrahydrofuran	5.11	42	134664	242.450	ug/l	99
30) Chloroform	5.20	83	125548	52.430	ug/l	98
31) Cyclohexane	5.57	56	90623	48.047	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	114783	53.911	ug/l	99
36) 1,1-Dichloropropene	5.79	75	87502	52.532	ug/l	100
37) Ethyl Acetate	4.82	43	83926	50.608	ug/l	99
38) Carbon Tetrachloride	5.78	117	99700	54.202	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.45	83	100467	47.158	ug/l		100
40) Benzene	6.13	78	249293	49.874	ug/l		99
41) Methacrylonitrile	5.03	41	46528	52.332	ug/l		98
42) 1,2-Dichloroethane	6.18	62	104255	55.319	ug/l		99
43) Isopropyl Acetate	6.43	43	139900	50.810	ug/l		99
44) Trichloroethene	7.20	130	71668	50.518	ug/l		97
45) 1,2-Dichloropropane	7.51	63	61939	49.474	ug/l		96
46) Dibromomethane	7.65	93	45948	50.941	ug/l		99
47) Bromodichloromethane	7.89	83	96541	54.922	ug/l		97
48) Methyl methacrylate	7.76	41	69512	51.079	ug/l		99
49) 1,4-Dioxane	7.73	88	37661	1087.353	ug/l		98
51) 4-Methyl-2-Pentanone	8.64	43	431459	257.087	ug/l		100
52) Toluene	8.78	92	164374	49.621	ug/l		98
53) t-1,3-Dichloropropene	9.04	75	105624	56.545	ug/l		99
54) cis-1,3-Dichloropropene	8.43	75	110457	54.054	ug/l		99
55) 1,1,2-Trichloroethane	9.21	97	68121	52.013	ug/l		98
56) Ethyl methacrylate	9.17	69	106880	54.222	ug/l		99
57) 1,3-Dichloropropane	9.37	76	115140	52.104	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.31	63	202413	263.168	ug/l		99
59) 2-Hexanone	9.48	43	338741	262.031	ug/l		98
60) Dibromochloromethane	9.57	129	76610	55.824	ug/l		99
61) 1,2-Dibromoethane	9.67	107	73206	52.652	ug/l		99
64) Tetrachloroethene	9.33	164	69825	55.657	ug/l		98
65) Chlorobenzene	10.14	112	181436	50.776	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.21	131	72679	55.059	ug/l		97
67) Ethyl Benzene	10.25	91	325865	50.940	ug/l		98
68) m/p-Xylenes	10.35	106	245987	101.751	ug/l		100
69) o-Xylene	10.70	106	116782	50.357	ug/l		96
70) Styrene	10.71	104	207617	51.992	ug/l		99
71) Bromoform	10.85	173	56627	58.711	ug/l	#	99
73) Isopropylbenzene	11.01	105	315158	46.910	ug/l		97
74) N-amyl acetate	10.89	43	123250	49.983	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.26	83	96208	47.162	ug/l		94
76) 1,2,3-Trichloropropane	11.29	75	82236m	46.119	ug/l		
77) Bromobenzene	11.25	156	76731	47.653	ug/l		97
78) n-propylbenzene	11.35	91	352915	48.359	ug/l		99
79) 2-Chlorotoluene	11.42	91	220814	47.889	ug/l		100
80) 1,3,5-Trimethylbenzene	11.50	105	282418	50.574	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.07	75	32833	50.599	ug/l		94
82) 4-Chlorotoluene	11.51	91	259183	49.610	ug/l		97
83) tert-Butylbenzene	11.76	119	268377	48.576	ug/l		98
84) 1,2,4-Trimethylbenzene	11.80	105	272414	48.364	ug/l		98
85) sec-Butylbenzene	11.94	105	311105	49.482	ug/l		99
86) p-Isopropyltoluene	12.06	119	302461	51.207	ug/l		99
87) 1,3-Dichlorobenzene	12.02	146	136273	46.846	ug/l		96
88) 1,4-Dichlorobenzene	12.09	146	140769	47.529	ug/l		99
89) n-Butylbenzene	12.39	91	236395	48.924	ug/l		99
90) Hexachloroethane	12.59	117	52647	53.224	ug/l		98
91) 1,2-Dichlorobenzene	12.39	146	136994	47.892	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26754	52.740	ug/l		99

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	85364	47.392	ug/l	96
94) Hexachlorobutadiene	13.78	225	45040	48.339	ug/l	96
95) Naphthalene	13.83	128	273144	49.409	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	87469	49.143	ug/l	98

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

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