Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
Data File : VX011550.D
Acq On : 13 Aug 2019 20:45
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
8/14/2019 11:32:10 AM

Quant Time: Aug 14 03:12:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	154331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	233727	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	220224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	92187	59.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.62%			
35) Dibromofluoromethane	5.49	113	79045	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.60%			
50) Toluene-d8	8.71	98	289346	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.46%			
62) 4-Bromofluorobenzene	11.13	95	110175	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	53495	44.880	ug/l	100
3) Chloromethane	1.32	50	56868	42.485	ug/l	99
4) Vinyl Chloride	1.40	62	61958	42.081	ug/l	98
5) Bromomethane	1.63	94	49829	47.452	ug/l	100
6) Chloroethane	1.71	64	36484	39.473	ug/l	95
7) Trichlorofluoromethane	1.92	101	95831	36.605	ug/l	97
8) Diethyl Ether	2.18	74	35747	38.240	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68250	48.181	ug/l	97
10) Methyl Iodide	2.50	142	83600	46.812	ug/l	96
11) Tert butyl alcohol	3.04	59	84995	274.247	ug/l	100
12) 1,1-Dichloroethene	2.36	96	65638	46.745	ug/l	88
13) Acrolein	2.29	56	36566	189.751	ug/l	97
14) Allyl chloride	2.72	41	102014	54.496	ug/l	96
15) Acrylonitrile	3.14	53	204340	276.296	ug/l	98
16) Acetone	2.44	43	176957	239.206	ug/l	97
17) Carbon Disulfide	2.56	76	136193	41.332	ug/l	99
18) Methyl Acetate	2.77	43	99195	58.675	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	233086	56.328	ug/l	98
20) Methylene Chloride	2.85	84	77028	47.544	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	71233	47.957	ug/l	91
22) Diisopropyl ether	3.85	45	227046	55.186	ug/l	98
23) Vinyl Acetate	3.81	43	972140	284.889	ug/l	98
24) 1,1-Dichloroethane	3.69	63	128017	52.769	ug/l	98
25) 2-Butanone	4.67	43	288425	274.085	ug/l	96
26) 2,2-Dichloropropane	4.58	77	93853	49.767	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	85127	49.756	ug/l	96
28) Bromochloromethane	5.01	49	57003	51.541	ug/l	96
29) Tetrahydrofuran	5.12	42	179201	277.733	ug/l	99
30) Chloroform	5.20	83	144612	54.846	ug/l	98
31) Cyclohexane	5.57	56	95933	47.931	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	126348	55.938	ug/l	99
36) 1,1-Dichloropropene	5.79	75	97114	47.590	ug/l	99
37) Ethyl Acetate	4.82	43	107258	52.399	ug/l	99
38) Carbon Tetrachloride	5.78	117	110351	53.750	ug/l	96

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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)
39) Methylcyclohexane	7.46	83	105768	43.726	ug/l	97
40) Benzene	6.13	78	299444	49.174	ug/l	100
41) Methacrylonitrile	5.04	41	61201	54.747	ug/l	96
42) 1,2-Dichloroethane	6.19	62	115562	56.121	ug/l	96
43) Isopropyl Acetate	6.44	43	176229	53.850	ug/l	99
44) Trichloroethene	7.21	130	84304	45.738	ug/l	98
45) 1,2-Dichloropropane	7.51	63	78041	49.485	ug/l	96
46) Dibromomethane	7.66	93	56937	49.455	ug/l	97
47) Bromodichloromethane	7.90	83	107129	54.960	ug/l	99
48) Methyl methacrylate	7.77	41	87730	56.963	ug/l	95
49) 1,4-Dioxane	7.74	88	40021	896.342	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	589784	279.255	ug/l	99
52) Toluene	8.78	92	199600	49.576	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	112530	49.596	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	122039	53.598	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	84985	51.339	ug/l	98
56) Ethyl methacrylate	9.18	69	130473	55.308	ug/l	98
57) 1,3-Dichloropropane	9.37	76	134996	51.565	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	303064	261.283	ug/l	99
59) 2-Hexanone	9.49	43	453358	277.135	ug/l	97
60) Dibromochloromethane	9.58	129	93359	55.085	ug/l	100
61) 1,2-Dibromoethane	9.67	107	93737	52.412	ug/l	97
64) Tetrachloroethene	9.34	164	77173	41.264	ug/l	96
65) Chlorobenzene	10.13	112	227796	48.242	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	88516	54.756	ug/l	99
67) Ethyl Benzene	10.25	91	396196	50.101	ug/l	99
68) m/p-Xylenes	10.35	106	300841	98.353	ug/l	95
69) o-Xylene	10.69	106	148387	49.374	ug/l	99
70) Styrene	10.71	104	253462	50.969	ug/l	97
71) Bromoform	10.85	173	70048	48.549	ug/l	99
73) Isopropylbenzene	11.02	105	405249	50.943	ug/l	99
74) N-amyl acetate	10.90	43	159580	55.518	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	135008	50.928	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	114672m	54.137	ug/l	
77) Bromobenzene	11.25	156	108746	49.299	ug/l	95
78) n-propylbenzene	11.36	91	443497	50.133	ug/l	98
79) 2-Chlorotoluene	11.42	91	268257	50.877	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	335559	50.391	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36684	46.586	ug/l	94
82) 4-Chlorotoluene	11.51	91	313027	50.941	ug/l	97
83) tert-Butylbenzene	11.77	119	339598	51.997	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	341765	51.548	ug/l	99
85) sec-Butylbenzene	11.94	105	389781	49.674	ug/l	100
86) p-Isopropyltoluene	12.06	119	362728	50.247	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	188735	48.424	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	187514	46.657	ug/l	97
89) n-Butylbenzene	12.38	91	301439	48.469	ug/l	99
90) Hexachloroethane	12.59	117	58169	54.503	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	188697	48.184	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29800	58.021	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	124980	48.122	ug/l	99
94) Hexachlorobutadiene	13.78	225	61889	46.969	ug/l	99
95) Naphthalene	13.83	128	391141	51.500	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	125901	47.684	ug/l	97

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

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