Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101519\
Data File : VX013074.D
Acq On : 15 Oct 2019 13:44
Operator : JC/SP
Sample : K5111-09 0.2PPB MDL
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-MDL-WATER-03-QT4-2019DL

Manual Integrations APPROVED
MMDadoda
10/16/2019 9:57:45 AM

Quant Time: Oct 16 07:13:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 07:02:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	276837	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	106529	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.52%			
35) Dibromofluoromethane	5.49	113	81031	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.00%			
50) Toluene-d8	8.71	98	306040	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.76%			
62) 4-Bromofluorobenzene	11.14	95	110630	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.88%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	365	0.202	ug/l #	63
4) Vinyl Chloride	1.40	62	402	0.215	ug/l #	74
5) Bromomethane	1.64	94	581	0.748	ug/l #	63
6) Chloroethane	1.70	64	474	0.431	ug/l #	43
7) Trichlorofluoromethane	1.92	101	565	0.224	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	352	0.216	ug/l #	69
10) Methyl Iodide	2.51	142	596	0.371	ug/l #	81
11) Tert butyl alcohol	3.01	59	3170	5.866	ug/l #	72
13) Acrolein	2.28	56	419	1.091	ug/l #	54
14) Allyl chloride	2.72	41	592	0.202	ug/l	90
15) Acrylonitrile	3.14	53	1004	0.980	ug/l #	92
16) Acetone	2.43	43	1246	1.160	ug/l	99
17) Carbon Disulfide	2.56	76	1271	0.270	ug/l #	91
18) Methyl Acetate	2.76	43	720	0.283	ug/l	98
20) Methylene Chloride	2.84	84	713	0.361	ug/l #	70
21) trans-1,2-Dichloroethene	3.16	96	452	0.256	ug/l #	87
22) Diisopropyl ether	3.85	45	1134	0.202	ug/l #	88
23) Vinyl Acetate	3.80	43	3759	0.774	ug/l #	94
25) 2-Butanone	4.68	43	1450m	0.973	ug/l	
26) 2,2-Dichloropropane	4.58	77	589	0.221	ug/l #	53
27) cis-1,2-Dichloroethene	4.59	96	565	0.277	ug/l	82
29) Tetrahydrofuran	5.15	42	799m	0.871	ug/l	
30) Chloroform	5.20	83	1004	0.309	ug/l #	59
38) Carbon Tetrachloride	5.65	117	17167	7.246	ug/l #	18
39) Methylcyclohexane	7.46	83	647	0.219	ug/l #	55
40) Benzene	6.13	78	1552	0.216	ug/l #	90
42) 1,2-Dichloroethane	6.19	62	761m	0.295	ug/l	
44) Trichloroethene	7.23	130	498	0.250	ug/l	46
46) Dibromomethane	7.66	93	290	0.238	ug/l #	53
47) Bromodichloromethane	7.89	83	480	0.201	ug/l #	67
49) 1,4-Dioxane	7.75	88	109	2.118	ug/l #	34
51) 4-Methyl-2-Pentanone	8.64	43	2275	0.835	ug/l	97
52) Toluene	8.78	92	987	0.215	ug/l	85
58) 2-Chloroethyl Vinyl ether	8.32	63	979	0.732	ug/l #	85

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
59) 2-Hexanone	9.50	43	1542	0.727 ug/l	94
64) Tetrachloroethene	9.33	164	454	0.271 ug/l #	71
65) Chlorobenzene	10.13	112	1058	0.220 ug/l	97
67) Ethyl Benzene	10.25	91	1716	0.201 ug/l	98
68) m/p-Xylenes	10.36	106	1256	0.394 ug/l	99
69) o-Xylene	10.70	106	668	0.215 ug/l	99
77) Bromobenzene	11.25	156	484	0.270 ug/l	85
78) n-propylbenzene	11.35	91	1810	0.216 ug/l	96
79) 2-Chlorotoluene	11.42	91	1161	0.221 ug/l	96
82) 4-Chlorotoluene	11.51	91	1349	0.224 ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	791	0.238 ug/l	90
88) 1,4-Dichlorobenzene	12.09	146	895m	0.265 ug/l	
90) Hexachloroethane	12.59	117	257	0.238 ug/l #	13
91) 1,2-Dichlorobenzene	12.39	146	671	0.206 ug/l	76
93) 1,2,4-Trichlorobenzene	13.64	180	533	0.261 ug/l	85
94) Hexachlorobutadiene	13.78	225	211	0.224 ug/l	81
95) Naphthalene	13.83	128	1422	0.201 ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	443	0.210 ug/l	96

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

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