Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023914.D
Acq On : 27 Nov 2019 16:09
Operator : JU
Sample : SSTD08006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD080060

Manual Integrations APPROVED
Sohil
11/29/2019 8:45:45 AM

Quant Time: Nov 27 16:48:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 15:25:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	351274	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	1507513	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	943000	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	1889650	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1780281	20.00	ng/ul	0.00
86) Perylene-d12	23.26	264	2143496	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	245147	28.77	ng/uL	0.00
5) Phenol-d5	6.69	99	2490351	77.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	1396829	75.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	1908160	82.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	1966911	77.00	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	948840	87.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	1113669	98.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	2046410	79.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	2217361	78.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.58	166	5665662	77.04	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	6763135	80.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	1011467	80.58	ng/ul	0.01
58) Fluorene-d10	15.16	176	4736231	72.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	1005329	91.97	ng/ul	0.01
71) Anthracene-d10	17.01	188	6937938	77.40	ng/ul	0.00
79) Pyrene-d10	19.32	212	7078150	76.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	8955252	79.39	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	263551	28.863	ng/uL	97
4) Benzaldehyde	6.65	77	1204367	64.113	ng/ul	99
6) Phenol	6.71	94	2507713	76.023	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.93	93	1896178	75.056	ng/ul	99
10) 2-Chlorophenol	7.06	128	1943713	81.255	ng/ul	99
11) 2-Methylphenol	7.95	108	1877063	76.238	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.03	45	2025189	82.169	ng/ul	99
14) Acetophenone	8.32	105	2920596	73.313	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.32	70	1588365	75.893	ng/ul	98
16) 4-Methylphenol	8.28	108	2020858	74.128	ng/ul	96
17) Hexachloroethane	8.56	117	780802	82.275	ng/ul	91
20) Nitrobenzene	8.69	77	2220418	77.828	ng/ul	100
21) Isophorone	9.22	82	4308433	77.412	ng/ul	99
23) 2-Nitrophenol	9.39	139	1152619	91.369	ng/ul	99
24) 2,4-Dimethylphenol	9.47	107	2245436	77.889	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.70	93	2653413	75.971	ng/ul	99
27) 2,4-Dichlorophenol	9.93	162	1953937	78.549	ng/ul	98
28) Naphthalene	10.32	128	6039498	76.222	ng/ul	99
30) 4-Chloroaniline	10.43	127	2224555	76.210	ng/ul	99
31) Hexachlorobutadiene	10.60	225	1173930	69.892	ng/ul	99
32) Caprolactam	11.24	113	595496m	73.871	ng/ul	
33) 4-Chloro-3-methylphenol	11.58	107	2071769	75.036	ng/ul	99
34) 2-Methylnaphthalene	11.94	142	4482399	73.952	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	4383499	73.328	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	2300742	74.670	ng/ul	98
38) Hexachlorocyclopentadiene	12.30	237	1219386	75.549	ng/ul	100
39) 2,4,6-Trichlorophenol	12.57	196	1557460	81.978	ng/ul	98
40) 2,4,5-Trichlorophenol	12.65	196	1670679	80.745	ng/ul	98
41) 1,1'-Biphenyl	12.98	154	5846652	80.371	ng/ul	99
42) 2-Chloronaphthalene	13.02	162	4457497	79.609	ng/ul	99
43) 2-Nitroaniline	13.23	65	1271526	95.475	ng/ul	98
45) Dimethylphthalate	13.63	163	5484650	76.106	ng/ul	100
46) 2,6-Dinitrotoluene	13.75	165	1208507	92.069	ng/ul	95
48) Acenaphthylene	13.87	152	6726954	79.621	ng/ul	99
49) 3-Nitroaniline	14.07	138	1017428	81.564	ng/ul	98
50) Acenaphthene	14.22	153	4717355	78.679	ng/ul	100
51) 2,4-Dinitrophenol	14.29	184	670512	81.025	ng/ul	99
53) 4-Nitrophenol	14.41	109	718548	70.930	ng/ul	96
54) Dibenzofuran	14.56	168	6635101	74.757	ng/ul	99
55) 2,4-Dinitrotoluene	14.55	165	1680154	83.747	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.79	232	1457450	74.420	ng/ul	96
57) Diethylphthalate	15.00	149	5537435	78.305	ng/ul	99
59) Fluorene	15.21	166	5420237	75.274	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.21	204	2756251	70.933	ng/ul	99
61) 4-Nitroaniline	15.25	138	1087911	71.205	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.32	198	1041974	87.666	ng/ul	98
65) N-Nitrosodiphenylamine	15.43	169	4696745	84.716	ng/ul	99
66) 4-Bromophenyl-phenylether	16.11	248	1852497	80.217	ng/ul	95
67) Hexachlorobenzene	16.22	284	2111258	77.597	ng/ul	96
68) Atrazine	16.40	200	1655844	79.727	ng/ul	98
69) Pentachlorophenol	16.57	266	1226174	76.011	ng/ul	98
70) Phenanthrene	16.95	178	8114439	77.960	ng/ul	100
72) Anthracene	17.04	178	8254363	78.868	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.94	216	2248286	83.923	ng/uL	97
74) Pentachlorobenzene	14.48	250	2405172	81.258	ng/uL	100
75) Carbazole	17.32	167	7284833	83.499	ng/ul	98
76) Di-n-butylphthalate	17.90	149	9039479	93.959	ng/ul	99
77) Fluoranthene	18.98	202	8993761	80.652	ng/ul	99
80) Pyrene	19.34	202	9061479	78.745	ng/ul	98
81) Butylbenzylphthalate	20.27	149	4152684	113.940	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.04	252	3551835	95.066	ng/ul	98
83) Benzo(a)anthracene	21.10	228	9021824	76.827	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	6021947	109.433	ng/ul#	96
85) Chrysene	21.16	228	8343138	75.468	ng/ul	98
87) Di-n-octyl phthalate	21.92	149	10053503	95.961	ng/ul	100
88) Benzo(b)fluoranthene	22.63	252	10649658	77.939	ng/ul	99
89) Benzo(k)fluoranthene	22.67	252	9315419	70.763	ng/ul	98
91) Benzo(a)pyrene	23.18	252	9765105	78.065	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.41	276	12276981	91.785	ng/ul	99
93) Dibenzo(a,h)anthracene	25.41	278	10336044	91.564	ng/ul	100
94) Benzo(g,h,i)perylene	26.06	276	10213286	94.229	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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