Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032818\
Data File : BM014665.D
Acq On : 28 Mar 2018 13:25
Operator : SJ/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV67

Quant Time: Mar 28 15:38:19 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 28 15:27:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.58	152	398870	20.00	ng/ul	0.00
18) Naphthalene-d8	11.43	136	1773097	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.18	164	1044219	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.89	188	2239525	20.00	ng/ul	0.00
77) Chrysene-d12	21.99	240	1962626	20.00	ng/ul	0.00
85) Perylene-d12	24.50	264	1579950	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	64528	7.78	ng/uL	0.00
5) Phenol-d5	7.69	99	660101	20.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.88	67	415762	20.78	ng/ul	0.00
9) 2-Chlorophenol-d4	8.10	132	542005	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	551948	21.24	ng/ul	0.00
19) Nitrobenzene-d5	9.76	128	250197	21.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.49	143	239548	23.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.03	165	547673	20.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.55	131	730263	24.67	ng/ul	0.00
43) Dimethylphthalate-d6	14.57	166	1697943	20.58	ng/ul	0.00
46) Acenaphthylene-d8	14.88	160	2116667	20.20	ng/ul	0.00
51) 4-Nitrophenol-d4	15.33	143	285427	21.32	ng/ul	0.00
57) Fluorene-d10	16.16	176	1440633	20.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.25	200	189082	19.78	ng/ul	0.00
70) Anthracene-d10	17.99	188	2143597	20.32	ng/ul	0.00
78) Pyrene-d10	20.22	212	2166955	21.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.34	264	1589319	20.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	70711	7.921	ng/uL	93
4) Benzaldehyde	7.69	77	412389	22.676	ng/ul	94
6) Phenol	7.72	94	646261	20.804	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.97	93	513301	20.907	ng/ul#	86
10) 2-Chlorophenol	8.13	128	527095	20.338	ng/ul	92
11) 2-Methylphenol	9.01	108	495926	20.966	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.11	45	961345	21.124	ng/ul#	82
14) Acetophenone	9.42	105	835726	21.742	ng/ul#	89
15) N-Nitroso-di-n-propylamine	9.39	70	441946	21.489	ng/ul#	75
16) 4-Methylphenol	9.34	108	545550	21.459	ng/ul	100
17) Hexachloroethane	9.69	117	211873	20.173	ng/ul	99
20) Nitrobenzene	9.80	77	602240	20.711	ng/ul	95
21) Isophorone	10.33	82	1189656	20.952	ng/ul	99
23) 2-Nitrophenol	10.53	139	276881	23.193	ng/ul	91
24) 2,4-Dimethylphenol	10.56	107	623380	20.668	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.81	93	726344	20.791	ng/ul	99
27) 2,4-Dichlorophenol	11.06	162	517093	21.051	ng/ul	98
28) Naphthalene	11.48	128	1752874	20.278	ng/ul	100
30) 4-Chloroaniline	11.57	127	700436	24.758	ng/ul	100
31) Hexachlorobutadiene	11.76	225	326736	19.930	ng/ul	96
32) Caprolactam	12.32	113	164253	22.335	ng/ul#	61
33) 4-Chloro-3-methylphenol	12.65	107	564750	21.613	ng/ul	96
34) 2-Methylnaphthalene	13.05	142	1277799	20.722	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.40	216	651210	19.646	ng/ul	98
37) Hexachlorocyclopentadiene	13.38	237	428675	19.407	ng/ul	99
38) 2,4,6-Trichlorophenol	13.63	196	410705	20.861	ng/ul	99
39) 2,4,5-Trichlorophenol	13.70	196	436485	21.164	ng/ul	100
40) 1,1'-Biphenyl	14.03	154	1672008	19.994	ng/ul	98
41) 2-Chloronaphthalene	14.07	162	1283711	19.809	ng/ul	96
42) 2-Nitroaniline	14.26	65	347310	23.000	ng/ul	86
44) Dimethylphthalate	14.62	163	1642598	20.662	ng/ul	100
45) 2,6-Dinitrotoluene	14.74	165	300269	23.386	ng/ul	92
47) Acenaphthylene	14.91	152	2009546	20.218	ng/ul	99
48) 3-Nitroaniline	15.07	138	304670	23.491	ng/ul	96
49) Acenaphthene	15.24	153	1402021	20.203	ng/ul	99
50) 2,4-Dinitrophenol	15.26	184	107317	19.313	ng/ul#	51
52) 4-Nitrophenol	15.34	109	217662	21.385	ng/ul#	82
53) Dibenzofuran	15.57	168	1927467	20.240	ng/ul	96
54) 2,4-Dinitrotoluene	15.51	165	433963	23.413	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.78	232	377698	21.527	ng/ul	97
56) Diethylphthalate	15.96	149	1656529	20.828	ng/ul	100
58) Fluorene	16.22	166	1579040	20.356	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.20	204	804135	20.240	ng/ul	91
60) 4-Nitroaniline	16.21	138	310784	21.213	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.26	198	206223	19.984	ng/ul#	97
64) N-Nitrosodiphenylamine	16.40	169	1358570	20.305	ng/ul	99
65) 4-Bromophenyl-phenylether	17.08	248	503333	20.047	ng/ul	92
66) Hexachlorobenzene	17.20	284	568649	20.256	ng/ul	90
67) Atrazine	17.33	200	482476	20.703	ng/ul	97
68) Pentachlorophenol	17.53	266	292751	19.843	ng/ul	100
69) Phenanthrene	17.93	178	2430115	20.253	ng/ul	99
71) Anthracene	18.03	178	2497064	20.440	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	14.00	216	666616	19.415	ng/uL	100
73) Pentachlorobenzene	15.49	250	660694	19.975	ng/uL	99
74) Carbazole	18.28	167	2135040	21.110	ng/ul	99
75) Di-n-butylphthalate	18.81	149	2657622	21.167	ng/ul	100
76) Fluoranthene	19.90	202	2660034	21.435	ng/ul	100
79) Pyrene	20.25	202	2684504	21.893	ng/ul	99
80) Butylbenzylphthalate	21.10	149	985022	22.952	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.88	252	769304	21.657	ng/ul	97
82) Benzo(a)anthracene	21.97	228	2354606	20.460	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.86	149	1349048	21.079	ng/ul#	99
84) Chrysene	22.02	228	2175664	20.243	ng/ul	100
86) Di-n-octyl phthalate	22.83	149	1963625	21.191	ng/ul#	90
87) Benzo(b)fluoranthene	23.73	252	1963183	20.712	ng/ul	99
88) Benzo(k)fluoranthene	23.79	252	1943214	21.303	ng/ul	99
90) Benzo(a)pyrene	24.39	252	1813716	20.444	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.13	276	1907023	19.167	ng/ul	95
92) Dibenzo(a,h)anthracene	27.14	278	1604832	19.236	ng/ul	98
93) Benzo(g,h,i)perylene	27.93	276	1543825	19.086	ng/ul	96

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

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