Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
Data File : BM019165.D
Acq On : 14 Mar 2019 12:38
Operator : JU/SJ
Sample : K1824-01MSDRE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-24MSD

Quant Time: Mar 14 13:27:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	205463	20.00	ng		0.00
21) Naphthalene-d8	10.44	136	926968	20.00	ng		-0.01
39) Acenaphthene-d10	14.31	164	601604	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	1415240	20.00	ng		-0.01
76) Chrysene-d12	21.27	240	1494303	20.00	ng		0.00
87) Perylene-d12	23.50	264	1342520	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1733150	136.61	ng		0.00
7) Phenol-d6	6.84	99	2671839	143.98	ng		0.00
23) Nitrobenzene-d5	8.83	82	1630510	83.15	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	1255862	141.39	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	3439117	74.36	ng		-0.01
79) Terphenyl-d14	19.70	244	6185919	82.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	171603	30.405	ng		99
3) Pyridine	3.62	79	274400	17.871	ng		99
4) n-Nitrosodimethylamine	3.53	42	164949	34.555	ng		92
6) Aniline	7.00	93	388441	16.213	ng		100
8) 2-Chlorophenol	7.22	128	640602	42.018	ng		98
9) Benzaldehyde	6.82	77	297461	25.484	ng		100
10) Phenol	6.87	94	1059948	52.998	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	572946	37.543	ng		99
12) 1,3-Dichlorobenzene	7.54	146	576365	35.723	ng		100
13) 1,4-Dichlorobenzene	7.69	146	598848	36.406	ng		98
14) 1,2-Dichlorobenzene	8.00	146	584714	36.537	ng		99
15) Benzyl Alcohol	7.91	79	649731	42.304	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	578697	37.138	ng		99
17) 2-Methylphenol	8.10	107	583978	44.809	ng		99
18) Hexachloroethane	8.72	117	217206	35.536	ng		96
19) n-Nitroso-di-n-propylamine	8.47	70	598091	39.285	ng		99
20) 3+4-Methylphenols	8.43	107	815723	46.111	ng		100
22) Acetophenone	8.49	105	962063	37.555	ng	#	99
24) Nitrobenzene	8.87	77	816827	40.051	ng		99
25) Isophorone	9.39	82	1543991	41.262	ng		100
26) 2-Nitrophenol	9.57	139	354645	41.951	ng		99
27) 2,4-Dimethylphenol	9.63	122	631289	50.231	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	910226	41.082	ng		100
29) 2,4-Dichlorophenol	10.10	162	672787	48.335	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	617200	39.324	ng		100
31) Naphthalene	10.49	128	1939147	39.689	ng		100
32) Benzoic acid	9.77	122	165081	15.510	ng		97
33) 4-Chloroaniline	10.63	127	202809	10.126	ng		99
34) Hexachlorobutadiene	10.75	225	326122	36.208	ng		99
35) Caprolactam	11.45	113	106366	21.452	ng		94
36) 4-Chloro-3-methylphenol	11.75	107	816296	47.529	ng		99
37) 2-Methylnaphthalene	12.11	142	1512930	42.613	ng		100
38) 1-Methylnaphthalene	12.33	142	1445858	41.316	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	719706	37.819	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	745243	86.455	ng		99
43) 2,4,6-Trichlorophenol	12.73	196	561048	45.620	ng		97
44) 2,4,5-Trichlorophenol	12.80	196	604971	46.002	ng		99
46) 1,1'-Biphenyl	13.14	154	2001538	38.096	ng		99
47) 2-Chloronaphthalene	13.18	162	1560806	39.800	ng		100
48) 2-Nitroaniline	13.41	65	585846	44.544	ng		98
49) Acenaphthylene	14.03	152	2608112	39.332	ng		100
50) Dimethylphthalate	13.78	163	2599107	50.503	ng		99
51) 2,6-Dinitrotoluene	13.91	165	479933	43.139	ng		99
52) Acenaphthene	14.37	154	1507391	39.562	ng		99
53) 3-Nitroaniline	14.24	138	240582	20.418	ng		99
54) 2,4-Dinitrophenol	14.46	184	477991	73.982	ng		98
55) Dibenzofuran	14.72	168	2486437	40.465	ng		99
56) 4-Nitrophenol	14.56	139	851506	88.511	ng		99
57) 2,4-Dinitrotoluene	14.70	165	696682	43.141	ng		98
58) Fluorene	15.37	166	2076481	40.997	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	556356	45.443	ng		100
60) Diethylphthalate	15.14	149	2224754	42.683	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	1020144	41.470	ng		97
62) 4-Nitroaniline	15.42	138	477730	40.231	ng		98
63) Azobenzene	15.66	77	2291270	41.775	ng		99
65) 4,6-Dinitro-2-methylphenol	15.46	198	354835	38.261	ng		100
66) n-Nitrosodiphenylamine	15.59	169	1841102	40.862	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	622806	39.907	ng		98
68) Hexachlorobenzene	16.36	284	738068	39.778	ng		98
69) Atrazine	16.54	200	662523	43.682	ng		98
70) Pentachlorophenol	16.72	266	923159	82.581	ng		100
71) Phenanthrene	17.11	178	3270450	39.426	ng		100
72) Anthracene	17.20	178	3336860	41.091	ng		99
73) Carbazole	17.48	167	3144608	41.028	ng		99
74) Di-n-butylphthalate	18.03	149	3905304	42.136	ng		100
75) Fluoranthene	19.13	202	3803910	39.963	ng		99
77) Benzidine	19.33	184	363532	8.578	ng		100
78) Pyrene	19.50	202	3870629	40.939	ng		100
80) Butylbenzylphthalate	20.40	149	1859139	45.146	ng		99
81) Benzo(a)anthracene	21.25	228	3655506	38.993	ng		100
82) 3,3'-Dichlorobenzidine	21.19	252	761366	21.082	ng		97
83) Chrysene	21.30	228	3519842	38.810	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2759754	46.065	ng	#	97
85) Di-n-octyl phthalate	22.05	149	4685559	46.446	ng		100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3559617	36.460	ng		100
88) Benzo(b)fluoranthene	22.83	252	3547417	40.779	ng		99
89) Benzo(k)fluoranthene	22.87	252	3547719	44.339	ng		99
90) Benzo(a)pyrene	23.41	252	3286250	42.036	ng		100
91) Dibenzo(a,h)anthracene	25.78	278	3081605	41.207	ng		100
92) Benzo(g,h,i)perylene	26.46	276	2815496	41.007	ng		100

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

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