Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
Data File : BN005129.D
Acq On : 10 Apr 2019 15:55
Operator : JU/SJ
Sample : K2343-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-7-SMSD

Quant Time: Apr 11 09:14:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7946	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	31683	20.00	ng		-0.03
39) Acenaphthene-d10	14.30	164	16735	20.00	ng		-0.03
64) Phenanthrene-d10	17.05	188	34242	20.00	ng		-0.02
76) Chrysene-d12	21.25	240	30039	20.00	ng		-0.02
87) Perylene-d12	23.49	264	30260	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	54077	117.66	ng		-0.02
7) Phenol-d6	6.83	99	68963	113.13	ng		-0.02
23) Nitrobenzene-d5	8.82	82	38601	73.70	ng		-0.03
42) 2,4,6-Tribromophenol	15.80	330	33556	124.33	ng		-0.02
45) 2-Fluorobiphenyl	12.92	172	103685	82.10	ng		-0.02
79) Terphenyl-d14	19.69	244	131332	84.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	4729	28.235	ng		97
3) Pyridine	3.57	79	12852	27.459	ng		98
4) n-Nitrosodimethylamine	3.50	42	4524	29.649	ng	#	95
6) Aniline	6.99	93	18973	24.442	ng		99
8) 2-Chlorophenol	7.22	128	20141	34.521	ng		97
9) Benzaldehyde	6.80	77	6676	19.059	ng		99
10) Phenol	6.86	94	22540	34.507	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	16118	31.909	ng		99
12) 1,3-Dichlorobenzene	7.53	146	21006	33.046	ng		98
13) 1,4-Dichlorobenzene	7.69	146	21475	33.376	ng		99
14) 1,2-Dichlorobenzene	8.00	146	20743	33.686	ng		100
15) Benzyl Alcohol	7.90	79	14609	31.500	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	17632	28.932	ng		97
17) 2-Methylphenol	8.10	107	15699	34.475	ng		98
18) Hexachloroethane	8.71	117	7011	30.742	ng		99
19) n-Nitroso-di-n-propylamine	8.46	70	12177	30.471	ng		97
20) 3+4-Methylphenols	8.43	107	20841	33.708	ng		99
22) Acetophenone	8.48	105	26679	36.888	ng		98
24) Nitrobenzene	8.86	77	18099	34.145	ng		97
25) Isophorone	9.37	82	33757	33.084	ng		99
26) 2-Nitrophenol	9.56	139	10578	34.369	ng		97
27) 2,4-Dimethylphenol	9.62	122	17767	41.463	ng		97
28) bis(2-Chloroethoxy)methane	9.86	93	21686	34.303	ng		100
29) 2,4-Dichlorophenol	10.09	162	18335	37.230	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	20324	37.464	ng		100
31) Naphthalene	10.49	128	59989	36.291	ng		99
33) 4-Chloroaniline	10.61	127	8697	12.931	ng		98
34) Hexachlorobutadiene	10.75	225	12582	35.844	ng		99
35) Caprolactam	11.40	113	4493	27.862	ng		88
36) 4-Chloro-3-methylphenol	11.74	107	18134	34.085	ng		96
37) 2-Methylnaphthalene	12.10	142	43254	37.056	ng		99
38) 1-Methylnaphthalene	12.33	142	41002	35.897	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	23196	39.079	ng		99
41) Hexachlorocyclopentadiene	12.44	237	27413	81.522	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.73	196	14183	38.508	ng		98
44) 2,4,5-Trichlorophenol	12.80	196	14804	36.895	ng		98
46) 1,1'-Biphenyl	13.13	154	54862	38.734	ng		99
47) 2-Chloronaphthalene	13.17	162	42157	38.786	ng		99
48) 2-Nitroaniline	13.39	65	9429	32.589	ng		98
49) Acenaphthylene	14.02	152	66597	36.429	ng		99
50) Dimethylphthalate	13.76	163	60858	44.263	ng		100
51) 2,6-Dinitrotoluene	13.90	165	11362	36.317	ng		91
52) Acenaphthene	14.37	154	38862	37.790	ng		99
53) 3-Nitroaniline	14.23	138	6497	20.318	ng		94
54) 2,4-Dinitrophenol	14.44	184	5600	34.516	ng		97
55) Dibenzofuran	14.70	168	61166	37.379	ng		99
56) 4-Nitrophenol	14.55	139	14740	58.515	ng		98
57) 2,4-Dinitrotoluene	14.69	165	14946	35.152	ng		97
58) Fluorene	15.35	166	48794	36.912	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	13878	37.303	ng	#	97
60) Diethylphthalate	15.13	149	49695	36.221	ng		99
61) 4-Chlorophenyl-phenylether	15.35	204	25862	37.924	ng		98
62) 4-Nitroaniline	15.40	138	9502	29.576	ng		99
63) Azobenzene	15.64	77	38429	33.648	ng		98
65) 4,6-Dinitro-2-methylphenol	15.45	198	6902	31.167	ng		96
66) n-Nitrosodiphenylamine	15.57	169	42242	39.163	ng		99
67) 4-Bromophenyl-phenylether	16.25	248	16699	39.080	ng		97
68) Hexachlorobenzene	16.35	284	20051	40.052	ng		95
69) Atrazine	16.52	200	14271	37.034	ng		98
70) Pentachlorophenol	16.70	266	17773	67.523	ng		98
71) Phenanthrene	17.09	178	76473	39.747	ng		100
72) Anthracene	17.19	178	74496	38.900	ng		100
73) Carbazole	17.46	167	61578	35.326	ng		99
74) Di-n-butylphthalate	18.02	149	80369	37.848	ng		99
75) Fluoranthene	19.12	202	87332	39.787	ng		99
77) Benzidine	19.32	184	30135	32.190	ng		99
78) Pyrene	19.49	202	85951	42.852	ng		99
80) Butylbenzylphthalate	20.39	149	31831	39.056	ng		95
81) Benzo(a)anthracene	21.24	228	71095	37.996	ng		99
82) 3,3'-Dichlorobenzidine	21.17	252	16237	23.206	ng		100
83) Chrysene	21.29	228	68286	38.208	ng		100
84) Bis(2-ethylhexyl)phthalate	21.16	149	45394	40.256	ng		98
85) Di-n-octyl phthalate	22.03	149	73472	40.373	ng		97
86) Indeno(1,2,3-cd)pyrene	25.73	276	87741	43.213	ng		99
88) Benzo(b)fluoranthene	22.82	252	71668	38.477	ng		99
89) Benzo(k)fluoranthene	22.86	252	68969	40.379	ng		99
90) Benzo(a)pyrene	23.39	252	68821	40.377	ng		99
91) Dibenzo(a,h)anthracene	25.74	278	72263	42.231	ng		99
92) Benzo(g,h,i)perylene	26.43	276	74115	43.797	ng		99

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

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