Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
Data File : BN005010.D
Acq On : 28 Mar 2019 00:36
Operator : JU/SJ
Sample : IDOC-S-01
Misc : For Extraction
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : IDOC-S-01

Quant Time: Mar 28 04:54:52 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	7.68	152	10299	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	43311	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	23593	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	47912	20.00	ng	0.00
76) Chrysene-d12	21.27	240	37549	20.00	ng	0.00
87) Perylene-d12	23.50	264	25748	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	81462	136.75	ng	0.00
7) Phenol-d6	6.86	99	103110	130.50	ng	0.00
23) Nitrobenzene-d5	8.84	82	55047	76.88	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	47118	123.83	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	141802	79.64	ng	0.00
79) Terphenyl-d14	19.70	244	172302	88.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	8231	37.916	ng	# 91
3) Pyridine	3.59	79	20630	34.007	ng	99
4) n-Nitrosodimethylamine	3.52	42	7752	39.197	ng	98
6) Aniline	7.02	93	29560	29.380	ng	100
8) 2-Chlorophenol	7.25	128	31987	42.299	ng	99
9) Benzaldehyde	6.83	77	1859	4.095	ng	96
10) Phenol	6.89	94	36183	42.738	ng	100
11) bis(2-Chloroethyl)ether	7.12	93	26284	40.147	ng	99
12) 1,3-Dichlorobenzene	7.56	146	31829	38.632	ng	98
13) 1,4-Dichlorobenzene	7.71	146	32772	39.296	ng	99
14) 1,2-Dichlorobenzene	8.02	146	31613	39.609	ng	98
15) Benzyl Alcohol	7.92	79	24388	40.572	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	31191	39.488	ng	99
17) 2-Methylphenol	8.12	107	25374	42.991	ng	100
18) Hexachloroethane	8.74	117	11321	38.299	ng	99
19) n-Nitroso-di-n-propylamine	8.48	70	19799	38.225	ng	99
20) 3+4-Methylphenols	8.45	107	33793	42.169	ng	99
22) Acetophenone	8.50	105	42504	42.991	ng	99
24) Nitrobenzene	8.89	77	29729	41.028	ng	99
25) Isophorone	9.39	82	55395	39.715	ng	100
26) 2-Nitrophenol	9.59	139	16996	40.396	ng	99
27) 2,4-Dimethylphenol	9.65	122	28425	48.526	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	35619	41.216	ng	100
29) 2,4-Dichlorophenol	10.12	162	29549	43.891	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	31248	42.136	ng	99
31) Naphthalene	10.51	128	93618	41.429	ng	100
32) Benzoic acid	9.82	122	17095	37.574	ng	99
33) 4-Chloroaniline	10.63	127	18360	19.970	ng	99
34) Hexachlorobutadiene	10.77	225	19280	40.179	ng	99
35) Caprolactam	11.42	113	8100	36.744	ng	99
36) 4-Chloro-3-methylphenol	11.76	107	29439	40.479	ng	100
37) 2-Methylnaphthalene	12.13	142	67341	42.202	ng	99
38) 1-Methylnaphthalene	12.35	142	63899	40.924	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	35914	42.917	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	37612	79.459	ng		98
43) 2,4,6-Trichlorophenol	12.75	196	23360	44.988	ng		98
44) 2,4,5-Trichlorophenol	12.83	196	24759	43.769	ng		99
46) 1,1'-Biphenyl	13.15	154	85164	42.650	ng		99
47) 2-Chloronaphthalene	13.19	162	65846	42.971	ng		99
48) 2-Nitroaniline	13.42	65	16347	40.076	ng		98
49) Acenaphthylene	14.05	152	103521	40.167	ng		100
50) Dimethylphthalate	13.79	163	78981	40.747	ng		99
51) 2,6-Dinitrotoluene	13.92	165	17694	40.116	ng		97
52) Acenaphthene	14.39	154	59924	41.332	ng		99
53) 3-Nitroaniline	14.25	138	8475	18.800	ng		99
54) 2,4-Dinitrophenol	14.46	184	20104	76.745	ng		96
55) Dibenzofuran	14.72	168	95902	41.570	ng		99
56) 4-Nitrophenol	14.57	139	26595	74.888	ng		99
57) 2,4-Dinitrotoluene	14.70	165	23618	39.402	ng		99
58) Fluorene	15.37	166	75682	40.610	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	22176	42.281	ng	#	100
60) Diethylphthalate	15.15	149	77397	40.015	ng		99
61) 4-Chlorophenyl-phenylether	15.37	204	39793	41.390	ng		98
62) 4-Nitroaniline	15.42	138	15096	33.329	ng		99
63) Azobenzene	15.66	77	64033	39.769	ng		98
65) 4,6-Dinitro-2-methylphenol	15.47	198	12635	39.807	ng		99
66) n-Nitrosodiphenylamine	15.59	169	65241	43.229	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	25413	42.504	ng		99
68) Hexachlorobenzene	16.37	284	29889	42.669	ng		99
69) Atrazine	16.54	200	19890	36.888	ng		100
70) Pentachlorophenol	16.72	266	30532	82.901	ng		99
71) Phenanthrene	17.12	178	109906	40.825	ng		100
72) Anthracene	17.20	178	110760	41.334	ng		100
73) Carbazole	17.48	167	94998	38.949	ng		99
74) Di-n-butylphthalate	18.03	149	116110	39.079	ng		100
75) Fluoranthene	19.13	202	114179	37.177	ng		99
77) Benzidine	19.33	184	28068	23.986	ng		99
78) Pyrene	19.50	202	113819	45.396	ng		100
80) Butylbenzylphthalate	20.40	149	42743	41.956	ng		100
81) Benzo(a)anthracene	21.25	228	93606	40.021	ng		99
82) 3,3'-Dichlorobenzidine	21.19	252	26933	30.794	ng		99
83) Chrysene	21.30	228	91311	40.872	ng		99
84) Bis(2-ethylhexyl)phthalate	21.16	149	57714	40.945	ng		99
85) Di-n-octyl phthalate	22.04	149	89423	39.310	ng		99
86) Indeno(1,2,3-cd)pyrene	25.76	276	97474	38.405	ng		100
88) Benzo(b)fluoranthene	22.83	252	86104	54.329	ng		100
89) Benzo(k)fluoranthene	22.87	252	84648	58.243	ng		99
90) Benzo(a)pyrene	23.40	252	80814	55.722	ng		99
91) Dibenzo(a,h)anthracene	25.77	278	83230	57.164	ng		98
92) Benzo(g,h,i)perylene	26.46	276	83211	57.788	ng		99

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

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