Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
Data File : BG043252.D
Acq On : 16 Oct 2019 19:36
Operator : JU
Sample : K5374-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STOCK-PILE-1MS

Manual Integrations APPROVED
mohammad
10/18/2019 8:26:00 AM

Quant Time: Oct 17 02:07:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54293	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	196719	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	136483	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	322191	20.00	ng		0.00
76) Chrysene-d12	21.70	240	347353	20.00	ng		0.00
87) Perylene-d12	24.93	264	408472	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	329285	108.24	ng		0.00
7) Phenol-d6	7.23	99	461540	105.35	ng		0.00
23) Nitrobenzene-d5	9.21	82	279820	69.14	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	276013	117.61	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	690922	73.39	ng		0.00
79) Terphenyl-d14	20.03	244	1249967	76.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	40900	32.245	ng		87
3) Pyridine	3.92	79	98829	27.702	ng		92
4) n-Nitrosodimethylamine	3.84	42	63525	37.028	ng	#	94
6) Aniline	7.38	93	154879	29.286	ng		98
8) 2-Chlorophenol	7.62	128	137699	43.401	ng		97
9) Benzaldehyde	7.19	77	75092	28.050	ng		92
10) Phenol	7.26	94	178421	44.389	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	114904	36.947	ng		91
12) 1,3-Dichlorobenzene	7.94	146	151181	37.353	ng		97
13) 1,4-Dichlorobenzene	8.09	146	153106	37.947	ng		98
14) 1,2-Dichlorobenzene	8.41	146	144710	37.673	ng		93
15) Benzyl Alcohol	8.29	79	124112	37.680	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	162902	27.275	ng		94
17) 2-Methylphenol	8.50	107	116277	41.343	ng		97
18) Hexachloroethane	9.14	117	55152	36.296	ng		99
19) n-Nitroso-di-n-propylamine	8.86	70	101714	35.358	ng		89
20) 3+4-Methylphenols	8.83	107	151316	39.260	ng		98
22) Acetophenone	8.87	105	196611	38.773	ng	#	96
24) Nitrobenzene	9.25	77	151565	39.261	ng		96
25) Isophorone	9.78	82	283468	39.873	ng		97
26) 2-Nitrophenol	9.97	139	76977	46.840	ng		94
27) 2,4-Dimethylphenol	10.03	122	125031	49.540	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	152473	37.801	ng		94
29) 2,4-Dichlorophenol	10.51	162	142050	45.255	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	161331	39.801	ng		99
31) Naphthalene	10.91	128	413796	42.731	ng		98
32) Benzoic acid	10.18	122	63791	34.694	ng		91
33) 4-Chloroaniline	11.02	127	72592	17.275	ng	#	93
34) Hexachlorobutadiene	11.19	225	117282	38.643	ng		96
35) Caprolactam	11.79	113	45396m	41.011	ng		
36) 4-Chloro-3-methylphenol	12.15	107	151255	44.319	ng		93
37) 2-Methylnaphthalene	12.51	142	314647	42.592	ng		98
38) 1-Methylnaphthalene	12.73	142	295792	42.315	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	205549	40.055	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	283144	86.597	ng		95
43) 2,4,6-Trichlorophenol	13.11	196	132968	44.270	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	141580	45.757	ng		96
46) 1,1'-Biphenyl	13.51	154	420419	40.620	ng		97
47) 2-Chloronaphthalene	13.56	162	325242	41.913	ng		97
48) 2-Nitroaniline	13.76	65	99793	38.671	ng		90
49) Acenaphthylene	14.40	152	534089	44.980	ng		99
50) Dimethylphthalate	14.13	163	572860	56.019	ng		98
51) 2,6-Dinitrotoluene	14.25	165	98966	45.444	ng		92
52) Acenaphthene	14.74	154	316130	39.776	ng		99
53) 3-Nitroaniline	14.58	138	60418	26.846	ng	#	94
54) 2,4-Dinitrophenol	14.79	184	122777	90.701	ng		96
55) Dibenzofuran	15.08	168	511472	43.503	ng		97
56) 4-Nitrophenol	14.91	139	145740	84.990	ng		95
57) 2,4-Dinitrotoluene	15.04	165	137011	42.963	ng		96
58) Fluorene	15.72	166	429461	42.785	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	142542	43.267	ng	#	99
60) Diethylphthalate	15.49	149	415965	39.969	ng		97
61) 4-Chlorophenyl-phenylether	15.72	204	245474	40.777	ng		99
62) 4-Nitroaniline	15.75	138	100110	40.786	ng		98
63) Azobenzene	16.01	77	362212	38.228	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	91291	50.073	ng		91
66) n-Nitrosodiphenylamine	15.93	169	378765	44.532	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	172584	42.679	ng		96
68) Hexachlorobenzene	16.73	284	198102	43.998	ng		98
69) Atrazine	16.88	200	145393	40.595	ng		98
70) Pentachlorophenol	17.08	266	231447	89.085	ng		97
71) Phenanthrene	17.47	178	687498	43.708	ng		98
72) Anthracene	17.56	178	705462	44.925	ng		99
73) Carbazole	17.83	167	641876	44.080	ng		98
74) Di-n-butylphthalate	18.38	149	724726	41.714	ng		100
75) Fluoranthene	19.47	202	912679	43.868	ng		98
77) Benzidine	19.66	184	427950	49.205	ng		99
78) Pyrene	19.84	202	917948	44.276	ng		100
80) Butylbenzylphthalate	20.72	149	330134	41.951	ng		96
81) Benzo(a)anthracene	21.68	228	920105	42.512	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	256821	30.254	ng		99
83) Chrysene	21.75	228	890246	42.386	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	471722	42.127	ng		96
85) Di-n-octyl phthalate	22.79	149	811974	44.344	ng		95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1191389	45.565	ng	#	96
88) Benzo(b)fluoranthene	23.91	252	984724	42.606	ng		99
89) Benzo(k)fluoranthene	23.97	252	981196	42.913	ng		98
90) Benzo(a)pyrene	24.78	252	975854	44.752	ng		99
91) Dibenzo(a,h)anthracene	28.68	278	1006959	45.034	ng		99
92) Benzo(g,h,i)perylene	29.77	276	994082	45.884	ng		100

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

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