Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044988.D
Acq On : 15 Apr 2020 18:57
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 16 05:01:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	79680	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	325363	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	234473	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	560731	20.00	ng		0.00
76) Chrysene-d12	21.67	240	547172	20.00	ng		0.00
87) Perylene-d12	24.86	264	622355	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	396126	82.08	ng		0.00
7) Phenol-d6	7.19	99	575153	80.21	ng		0.00
23) Nitrobenzene-d5	9.18	82	577174	80.94	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	296448	81.84	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1323692	82.78	ng		0.00
79) Terphenyl-d14	20.01	244	2096836	83.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	92823	43.276	ng		99
3) Pyridine	3.89	79	269767	40.849	ng		96
4) n-Nitrosodimethylamine	3.80	42	83978	41.510	ng		89
6) Aniline	7.35	93	366098	39.267	ng		99
8) 2-Chlorophenol	7.59	128	206349	39.782	ng		98
9) Benzaldehyde	7.16	77	168647	42.479	ng		98
10) Phenol	7.21	94	289194	40.302	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	226951	39.725	ng		93
12) 1,3-Dichlorobenzene	7.92	146	245420	40.153	ng		98
13) 1,4-Dichlorobenzene	8.06	146	240737	39.527	ng		98
14) 1,2-Dichlorobenzene	8.38	146	233936	40.149	ng		97
15) Benzyl Alcohol	8.26	79	234675	39.034	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	224018	39.946	ng		99
17) 2-Methylphenol	8.46	107	218380	39.445	ng		94
18) Hexachloroethane	9.11	117	88230	38.536	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	203274	40.084	ng		97
20) 3+4-Methylphenols	8.79	107	301337	38.886	ng		97
22) Acetophenone	8.84	105	352899	40.108	ng	#	99
24) Nitrobenzene	9.23	77	294452	40.285	ng		98
25) Isophorone	9.75	82	588510	40.302	ng		98
26) 2-Nitrophenol	9.94	139	131933	41.905	ng		96
27) 2,4-Dimethylphenol	10.00	122	195043	39.043	ng		92
28) bis(2-Chloroethoxy)methane	10.23	93	310807	40.510	ng		98
29) 2,4-Dichlorophenol	10.48	162	233740	40.521	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	260335	39.861	ng		96
31) Naphthalene	10.88	128	715458	40.197	ng		98
32) Benzoic acid	10.14	122	149522	38.504	ng		90
33) 4-Chloroaniline	10.98	127	329190	39.658	ng		97
34) Hexachlorobutadiene	11.18	225	179750	40.143	ng		98
35) Caprolactam	11.75	113	88990	38.762	ng		89
36) 4-Chloro-3-methylphenol	12.10	107	265706	39.211	ng		97
37) 2-Methylnaphthalene	12.49	142	553906	40.094	ng		98
38) 1-Methylnaphthalene	12.70	142	520050	39.874	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	314599	41.672	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	195507	41.434 ng		95
43) 2,4,6-Trichlorophenol	13.09	196	217396	40.802 ng		94
44) 2,4,5-Trichlorophenol	13.16	196	243332	40.122 ng		98
46) 1,1'-Biphenyl	13.49	154	731835	41.065 ng		98
47) 2-Chloronaphthalene	13.54	162	543676	39.925 ng		98
48) 2-Nitroaniline	13.73	65	184578	41.197 ng		97
49) Acenaphthylene	14.38	152	900212	40.585 ng		100
50) Dimethylphthalate	14.11	163	764682	40.053 ng		99
51) 2,6-Dinitrotoluene	14.23	165	172084	40.298 ng		98
52) Acenaphthene	14.72	154	610813	40.700 ng		98
53) 3-Nitroaniline	14.55	138	186663	39.855 ng	#	93
54) 2,4-Dinitrophenol	14.76	184	105815	41.672 ng		100
55) Dibenzofuran	15.05	168	874641	39.975 ng		99
56) 4-Nitrophenol	14.86	139	147095	40.506 ng		99
57) 2,4-Dinitrotoluene	15.01	165	249269	39.943 ng	#	97
58) Fluorene	15.71	166	716035	40.065 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	220418	40.846 ng		98
60) Diethylphthalate	15.48	149	783134	39.343 ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	410902	39.945 ng		99
62) 4-Nitroaniline	15.72	138	194758	40.092 ng		97
63) Azobenzene	15.99	77	741572	40.409 ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	150304	40.780 ng		95
66) n-Nitrosodiphenylamine	15.91	169	645582	40.071 ng		99
67) 4-Bromophenyl-phenylether	16.59	248	295417	40.838 ng		100
68) Hexachlorobenzene	16.72	284	298759	39.822 ng		97
69) Atrazine	16.86	200	247399	41.757 ng		99
70) Pentachlorophenol	17.06	266	189991	41.280 ng		98
71) Phenanthrene	17.44	178	1175966	40.812 ng		99
72) Anthracene	17.54	178	1173075	40.585 ng		100
73) Carbazole	17.80	167	1153185	39.315 ng		100
74) Di-n-butylphthalate	18.37	149	1361087	42.259 ng		100
75) Fluoranthene	19.45	202	1457991	42.739 ng		100
77) Benzidine	19.63	184	722481	45.677 ng		99
78) Pyrene	19.81	202	1467560	38.904 ng		99
80) Butylbenzylphthalate	20.70	149	634070	40.551 ng		98
81) Benzo(a)anthracene	21.65	228	1456555	41.071 ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	579907	41.082 ng		99
83) Chrysene	21.71	228	1383955	40.615 ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	876698	40.767 ng		99
85) Di-n-octyl phthalate	22.78	149	1542991	41.491 ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	1871886	41.376 ng		100
88) Benzo(b)fluoranthene	23.85	252	1610095	41.301 ng		99
89) Benzo(k)fluoranthene	23.92	252	1500132	40.463 ng		99
90) Benzo(a)pyrene	24.70	252	1492761	40.556 ng		99
91) Dibenzo(a,h)anthracene	28.55	278	1499326	40.426 ng		97
92) Benzo(g,h,i)perylene	29.61	276	1510133	40.613 ng		99

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

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