Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044981.D
Acq On : 15 Apr 2020 14:20
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Apr 15 14:59:25 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 14:56:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	81884	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	353330	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	256994	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	614714	20.00	ng	0.00
76) Chrysene-d12	21.67	240	569125	20.00	ng	0.00
87) Perylene-d12	24.86	264	633611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	386311	73.44	ng	0.00
7) Phenol-d6	7.18	99	585410	76.60	ng	0.00
23) Nitrobenzene-d5	9.18	82	589896	73.26	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	309851	92.08	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1390455	77.48	ng	0.00
79) Terphenyl-d14	20.02	244	2139237	70.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	88315	34.865	ng	100
3) Pyridine	3.89	79	261934	34.931	ng	100
4) n-Nitrosodimethylamine	3.80	42	79686	28.008	ng	100
6) Aniline	7.35	93	380899	40.053	ng	100
8) 2-Chlorophenol	7.59	128	210090	40.010	ng	100
9) Benzaldehyde	7.15	77	166388	37.310	ng	100
10) Phenol	7.21	94	293357	38.771	ng	100
11) bis(2-Chloroethyl)ether	7.44	93	232192	38.451	ng	100
12) 1,3-Dichlorobenzene	7.92	146	244929	37.865	ng	100
13) 1,4-Dichlorobenzene	8.06	146	246319	38.518	ng	100
14) 1,2-Dichlorobenzene	8.38	146	239812	39.541	ng	100
15) Benzyl Alcohol	8.26	79	245098	39.970	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.56	45	229127	21.501	ng	100
17) 2-Methylphenol	8.47	107	222540	43.420	ng	100
18) Hexachloroethane	9.11	117	94341	37.472	ng	100
19) n-Nitroso-di-n-propylamine	8.83	70	207290	38.412	ng	100
20) 3+4-Methylphenols	8.79	107	318814	45.124	ng	100
22) Acetophenone	8.84	105	366860	36.650	ng	100
24) Nitrobenzene	9.23	77	305192	36.529	ng	100
25) Isophorone	9.75	82	624524	39.741	ng	100
26) 2-Nitrophenol	9.94	139	132585	48.666	ng	100
27) 2,4-Dimethylphenol	10.00	122	209249	40.888	ng	100
28) bis(2-Chloroethoxy)methane	10.23	93	326405	34.804	ng	100
29) 2,4-Dichlorophenol	10.48	162	244281	40.867	ng	100
30) 1,2,4-Trichlorobenzene	10.69	180	272636	38.145	ng	100
31) Naphthalene	10.88	128	759034	38.780	ng	100
32) Benzoic acid	10.14	122	155727	43.888	ng	100
33) 4-Chloroaniline	10.98	127	347519	39.409	ng	100
34) Hexachlorobutadiene	11.18	225	187361	39.862	ng	100
35) Caprolactam	11.75	113	97646	43.146	ng	100
36) 4-Chloro-3-methylphenol	12.11	107	282571	39.637	ng	100
37) 2-Methylnaphthalene	12.49	142	587307	40.113	ng	100
38) 1-Methylnaphthalene	12.70	142	553950	40.244	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	323948	38.275	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	207254	44.808	ng	100
43) 2,4,6-Trichlorophenol	13.09	196	230844	41.098	ng	100
44) 2,4,5-Trichlorophenol	13.16	196	261526	44.897	ng	100
46) 1,1'-Biphenyl	13.49	154	771599	37.571	ng	100
47) 2-Chloronaphthalene	13.54	162	581414	37.060	ng	100
48) 2-Nitroaniline	13.73	65	188923	34.397	ng	100
49) Acenaphthylene	14.38	152	953617	38.799	ng	100
50) Dimethylphthalate	14.11	163	821792	40.149	ng	100
51) 2,6-Dinitrotoluene	14.23	165	181959	44.103	ng	100
52) Acenaphthene	14.72	154	645363	40.093	ng	100
53) 3-Nitroaniline	14.55	138	199826	42.127	ng	100
54) 2,4-Dinitrophenol	14.76	184	106252	57.903	ng	100
55) Dibenzofuran	15.06	168	937992	40.184	ng	100
56) 4-Nitrophenol	14.86	139	155036	42.826	ng	100
57) 2,4-Dinitrotoluene	15.01	165	261334	46.185	ng	100
58) Fluorene	15.71	166	766483	39.918	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	228641	42.634	ng	100
60) Diethylphthalate	15.48	149	850244	39.827	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	437909	42.354	ng	100
62) 4-Nitroaniline	15.72	138	206122	40.752	ng	100
63) Azobenzene	15.99	77	779053	35.141	ng	100
65) 4,6-Dinitro-2-methylphenol	15.78	198	153486	57.657	ng	100
66) n-Nitrosodiphenylamine	15.91	169	695482	37.579	ng	100
67) 4-Bromophenyl-phenylether	16.59	248	310360	40.386	ng	100
68) Hexachlorobenzene	16.72	284	318179	38.164	ng	100
69) Atrazine	16.86	200	262175	38.666	ng	100
70) Pentachlorophenol	17.06	266	201842	44.001	ng	100
71) Phenanthrene	17.45	178	1236516	37.642	ng	100
72) Anthracene	17.54	178	1240407	38.294	ng	100
73) Carbazole	17.80	167	1215276	39.059	ng	100
74) Di-n-butylphthalate	18.37	149	1447864	38.280	ng	100
75) Fluoranthene	19.45	202	1511869	38.654	ng	100
77) Benzidine	19.63	184	704414	38.126	ng	100
78) Pyrene	19.82	202	1509113	36.142	ng	100
80) Butylbenzylphthalate	20.70	149	642181	34.571	ng	100
81) Benzo(a)anthracene	21.65	228	1448121	35.336	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	578405	36.483	ng	100
83) Chrysene	21.71	228	1381328	35.286	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	874687	34.118	ng	100
85) Di-n-octyl phthalate	22.78	149	1523363	35.509	ng	100
86) Indeno(1,2,3-cd)pyrene	28.49	276	1816994	35.404	ng	100
88) Benzo(b)fluoranthene	23.85	252	1533109	36.651	ng	100
89) Benzo(k)fluoranthene	23.92	252	1484761	37.508	ng	100
90) Benzo(a)pyrene	24.71	252	1460637	37.318	ng	100
91) Dibenzo(a,h)anthracene	28.55	278	1450022	37.552	ng	100
92) Benzo(g,h,i)perylene	29.62	276	1456516	37.334	ng	100

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

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