Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041624\
Data File : BG060909.D
Acq On : 16 Apr 2024 11:36
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 16 19:49:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.947	152	87907	20.000	ng		-0.01
21) Naphthalene-d8	10.749	136	346268	20.000	ng		0.00
39) Acenaphthene-d10	14.580	164	266577	20.000	ng		0.00
64) Phenanthrene-d10	17.330	188	624499	20.000	ng		0.00
76) Chrysene-d12	21.595	240	575816	20.000	ng		0.00
86) Perylene-d12	24.727	264	674847	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.532	112	375800	71.216	ng		0.00
7) Phenol-d6	7.118	99	530986	67.789	ng		0.00
23) Nitrobenzene-d5	9.110	82	571081	94.109	ng		0.00
42) 2,4,6-Tribromophenol	16.072	330	324045	107.084	ng		0.00
45) 2-Fluorobiphenyl	13.205	172	1382566	76.117	ng		-0.01
79) Terphenyl-d14	19.950	244	2377703	72.710	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.464	88	68245	31.544	ng		98
3) Pyridine	3.845	79	219205	33.590	ng		87
4) n-Nitrosodimethylamine	3.763	42	146283	37.500	ng	#	88
6) Aniline	7.277	93	323349	32.690	ng		97
8) 2-Chlorophenol	7.518	128	212870	35.583	ng		99
9) Benzaldehyde	7.089	77	146472m	33.911	ng		
10) Phenol	7.147	94	265273	33.184	ng		94
11) bis(2-Chloroethyl)ether	7.377	93	208587	32.319	ng		98
12) 1,3-Dichlorobenzene	7.841	146	226137	36.349	ng		97
13) 1,4-Dichlorobenzene	7.982	146	232126	36.572	ng		99
14) 1,2-Dichlorobenzene	8.305	146	227733	36.613	ng		98
15) Benzyl Alcohol	8.187	79	230421	36.316	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.475	45	497862m	34.181	ng		
17) 2-Methylphenol	8.387	107	213336	35.351	ng		94
18) Hexachloroethane	9.028	117	85799	38.062	ng		89
19) n-Nitroso-di-n-propyla...	8.757	70	194340	32.534	ng		94
20) 3+4-Methylphenols	8.722	107	289859	35.076	ng		92
22) Acetophenone	8.769	105	363298	38.050	ng		96
24) Nitrobenzene	9.151	77	283463	42.314	ng		96
25) Isophorone	9.674	82	500172	35.785	ng		99
26) 2-Nitrophenol	9.856	139	124211	51.689	ng	#	85
27) 2,4-Dimethylphenol	9.921	122	204942	36.502	ng		98
28) bis(2-Chloroethoxy)met...	10.156	93	292669	35.467	ng		98
29) 2,4-Dichlorophenol	10.397	162	224291	43.503	ng		98
30) 1,2,4-Trichlorobenzene	10.608	180	244316	41.848	ng		98
31) Naphthalene	10.796	128	693761	37.038	ng		99
32) Benzoic acid	10.091	122	169664	45.786	ng		97
33) 4-Chloroaniline	10.902	127	311825	35.842	ng		98
34) Hexachlorobutadiene	11.084	225	181932	46.759	ng		98
35) Caprolactam	11.689	113	74813m	36.637	ng		
36) 4-Chloro-3-methylphenol	12.030	107	258766	39.288	ng		97
37) 2-Methylnaphthalene	12.406	142	515673	37.446	ng		98
38) 1-Methylnaphthalene	12.623	142	486364	37.386	ng		97
40) 1,2,4,5-Tetrachloroben...	12.770	216	327743	42.765	ng		99
41) Hexachlorocyclopentadiene	12.753	237	185510	47.605	ng		99
43) 2,4,6-Trichlorophenol	13.011	196	217818	44.139	ng		97

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44) 2,4,5-Trichlorophenol	13.088	196	256349	43.529	ng		96
46) 1,1'-Biphenyl	13.417	154	695646	36.945	ng		98
47) 2-Chloronaphthalene	13.458	162	532178	37.200	ng		98
48) 2-Nitroaniline	13.652	65	213309	46.288	ng		97
49) Acenaphthylene	14.304	152	881868	36.687	ng		100
50) Dimethylphthalate	14.039	163	770371	36.562	ng		99
51) 2,6-Dinitrotoluene	14.151	165	162658	43.471	ng		94
52) Acenaphthene	14.645	154	582861m	38.620	ng		
53) 3-Nitroaniline	14.480	138	172126	41.972	ng	#	98
54) 2,4-Dinitrophenol	14.686	184	94495	64.430	ng		90
55) Dibenzofuran	14.979	168	875680	36.784	ng		96
56) 4-Nitrophenol	14.791	139	133480	43.334	ng		96
57) 2,4-Dinitrotoluene	14.944	165	235916	48.084	ng		90
58) Fluorene	15.632	166	711591	37.245	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.209	232	237433	46.263	ng		95
60) Diethylphthalate	15.408	149	760937	35.896	ng		99
61) 4-Chlorophenyl-phenyle...	15.626	204	396062	39.184	ng		96
62) 4-Nitroaniline	15.649	138	179067	46.483	ng		94
63) Azobenzene	15.919	77	703429	34.053	ng		94
65) 4,6-Dinitro-2-methylph...	15.708	198	144008	54.723	ng		98
66) n-Nitrosodiphenylamine	15.843	169	667901	37.426	ng		97
67) 4-Bromophenyl-phenylether	16.519	248	279265	44.063	ng		98
68) Hexachlorobenzene	16.636	284	301480	42.138	ng		96
69) Atrazine	16.795	200	232745	37.295	ng		97
70) Pentachlorophenol	16.977	266	215246	46.107	ng		97
71) Phenanthrene	17.371	178	1187163	36.552	ng		99
72) Anthracene	17.465	178	1222673	37.068	ng		100
73) Carbazole	17.729	167	1052059	36.176	ng		99
74) Di-n-butylphthalate	18.305	149	1268342	34.982	ng		99
75) Fluoranthene	19.380	202	1454938	36.917	ng		96
77) Benzidine	19.562	184	519071	34.234	ng		99
78) Pyrene	19.744	202	1477139	36.680	ng		100
80) Butylbenzylphthalate	20.643	149	554969	37.778	ng		97
81) Benzo(a)anthracene	21.572	228	1492392	36.768	ng		99
82) 3,3'-Dichlorobenzidine	21.489	252	538351	39.281	ng		97
83) Chrysene	21.636	228	1413136	36.122	ng		97
84) Bis(2-ethylhexyl)phtha...	21.501	149	779048	33.272	ng	#	97
85) Di-n-octyl phthalate	22.694	149	1367389	35.847	ng		100
87) Indeno(1,2,3-cd)pyrene	28.293	276	1754392	36.917	ng	#	96
88) Benzo(b)fluoranthene	23.740	252	1406811	36.286	ng	#	98
89) Benzo(k)fluoranthene	23.810	252	1451057	36.567	ng	#	98
90) Benzo(a)pyrene	24.586	252	1389763	36.887	ng		97
91) Dibenzo(a,h)anthracene	28.364	278	1453075	36.272	ng	#	95
92) Benzo(g,h,i)perylene	29.404	276	1422842	36.511	ng	#	96

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

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