Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
Data File : BG060896.D
Acq On : 13 Apr 2024 16:34
Operator : MA/JU
Sample : P2070-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 15 01:19:20 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 :
TP-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	56802	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	224271	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	174225	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	411457	20.000	ng	# 0.00
76) Chrysene-d12	21.589	240	362344	20.000	ng	-0.02
86) Perylene-d12	24.727	264	413592	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	413193	121.181	ng	0.00
7) Phenol-d6	7.118	99	555903	109.834	ng	0.00
23) Nitrobenzene-d5	9.104	82	412210	104.879	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	367527	185.832	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	1078611	90.860	ng	-0.02
79) Terphenyl-d14	19.950	244	1868887	90.820	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	50799	36.338	ng	# 29
3) Pyridine	3.863	79	137399	32.584	ng	# 84
4) n-Nitrosodimethylamine	3.763	42	114804	45.547	ng	93
6) Aniline	7.277	93	89877	14.062	ng	96
8) 2-Chlorophenol	7.518	128	182947	47.327	ng	94
9) Benzaldehyde	7.083	77	13232m	4.741	ng	
10) Phenol	7.147	94	211967	41.036	ng	95
11) bis(2-Chloroethyl)ether	7.371	93	168272	40.349	ng	96
12) 1,3-Dichlorobenzene	7.841	146	184539	45.906	ng	97
13) 1,4-Dichlorobenzene	7.988	146	191650	46.730	ng	98
14) 1,2-Dichlorobenzene	8.299	146	186841	46.488	ng	98
15) Benzyl Alcohol	8.187	79	179843	43.866	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.469	45	408010	43.352	ng	99
17) 2-Methylphenol	8.393	107	159955	41.020	ng	97
18) Hexachloroethane	9.033	117	67306	46.208	ng	# 86
19) n-Nitroso-di-n-propyla...	8.751	70	156124	40.449	ng	# 98
20) 3+4-Methylphenols	8.722	107	220915	41.372	ng	94
22) Acetophenone	8.769	105	294219	47.578	ng	# 97
24) Nitrobenzene	9.145	77	217389	49.592	ng	99
25) Isophorone	9.668	82	415312	45.878	ng	98
26) 2-Nitrophenol	9.856	139	98230	60.810	ng	# 86
27) 2,4-Dimethylphenol	9.921	122	138499	38.086	ng	98
28) bis(2-Chloroethoxy)met...	10.156	93	234131	43.808	ng	100
29) 2,4-Dichlorophenol	10.396	162	187044	56.013	ng	99
30) 1,2,4-Trichlorobenzene	10.608	180	196317	51.919	ng	97
31) Naphthalene	10.796	128	558922	46.071	ng	99
32) Benzoic acid	10.067	122	120914	49.695	ng	95
33) 4-Chloroaniline	10.896	127	14828	2.631	ng	94
34) Hexachlorobutadiene	11.084	225	141428	56.121	ng	97
35) Caprolactam	11.671	113	55126m	41.681	ng	
36) 4-Chloro-3-methylphenol	12.030	107	217106	50.894	ng	98
37) 2-Methylnaphthalene	12.406	142	407864	45.729	ng	99
38) 1-Methylnaphthalene	12.623	142	380956	45.213	ng	96
40) 1,2,4,5-Tetrachloroben...	12.770	216	271181	54.141	ng	99
41) Hexachlorocyclopentadiene	12.753	237	304639	119.614	ng	99
43) 2,4,6-Trichlorophenol	13.011	196	189095	58.630	ng	95

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44) 2,4,5-Trichlorophenol	13.087	196	209534	54.439	ng		95
46) 1,1'-Biphenyl	13.416	154	602005	48.919	ng		98
47) 2-Chloronaphthalene	13.452	162	468441	50.102	ng		99
48) 2-Nitroaniline	13.651	65	176029	56.395	ng		95
49) Acenaphthylene	14.304	152	786895	50.089	ng		99
50) Dimethylphthalate	14.039	163	654700	47.542	ng		100
51) 2,6-Dinitrotoluene	14.151	165	136689	54.897	ng		96
52) Acenaphthene	14.644	154	543815m	55.133	ng		
53) 3-Nitroaniline	14.474	138	27110	12.279	ng		96
54) 2,4-Dinitrophenol	14.686	184	171829	179.262	ng		91
55) Dibenzofuran	14.979	168	746161	47.958	ng		99
56) 4-Nitrophenol	14.797	139	215267	106.930	ng		97
57) 2,4-Dinitrotoluene	14.938	165	198892	60.338	ng	#	95
58) Fluorene	15.632	166	599516	48.011	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.203	232	198923	59.305	ng		96
60) Diethylphthalate	15.408	149	639474	46.156	ng		98
61) 4-Chlorophenyl-phenyle...	15.626	204	326323	49.397	ng		97
62) 4-Nitroaniline	15.643	138	111359	44.229	ng		97
63) Azobenzene	15.919	77	609331	45.134	ng		95
65) 4,6-Dinitro-2-methylph...	15.708	198	122499	68.604	ng		100
66) n-Nitrosodiphenylamine	15.837	169	525512	44.694	ng		99
67) 4-Bromophenyl-phenylether	16.519	248	231202	55.368	ng		99
68) Hexachlorobenzene	16.636	284	268520	56.964	ng		96
69) Atrazine	16.789	200	89277	21.713	ng		96
70) Pentachlorophenol	16.977	266	345438	112.308	ng		99
71) Phenanthrene	17.371	178	1031552	48.206	ng		99
72) Anthracene	17.459	178	1052307	48.422	ng		99
73) Carbazole	17.729	167	837107	43.688	ng		99
74) Di-n-butylphthalate	18.305	149	1100506	46.069	ng		99
75) Fluoranthene	19.380	202	1229097	47.334	ng		97
78) Pyrene	19.744	202	1260373	49.736	ng		99
80) Butylbenzylphthalate	20.643	149	467889	50.614	ng		99
81) Benzo(a)anthracene	21.572	228	1246730	48.812	ng		99
82) 3,3'-Dichlorobenzidine	21.489	252	34180m	3.963	ng		
83) Chrysene	21.636	228	1188711	48.286	ng		99
84) Bis(2-ethylhexyl)phtha...	21.507	149	671033	45.543	ng	#	96
85) Di-n-octyl phthalate	22.700	149	1151777	47.984	ng		100
87) Indeno(1,2,3-cd)pyrene	28.293	276	1501295	51.546	ng	#	96
88) Benzo(b)fluoranthene	23.740	252	1226155	51.604	ng	#	98
89) Benzo(k)fluoranthene	23.804	252	1229562	50.558	ng	#	97
90) Benzo(a)pyrene	24.580	252	1138055	49.286	ng		98
91) Dibenzo(a,h)anthracene	28.358	278	1250307	50.925	ng	#	96
92) Benzo(g,h,i)perylene	29.404	276	1150611	48.176	ng		97

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

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