Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060998.D
Acq On : 22 Apr 2024 19:29
Operator : MA/JU
Sample : P2126-07MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 23 02:20:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SP-1CMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.943	152	30026	20.000	ng		0.00
21) Naphthalene-d8	10.740	136	109973	20.000	ng	#	0.00
39) Acenaphthene-d10	14.576	164	85014	20.000	ng		0.00
64) Phenanthrene-d10	17.326	188	197046	20.000	ng		0.00
76) Chrysene-d12	21.597	240	206964	20.000	ng		0.02
86) Perylene-d12	24.723	264	234016	20.000	ng	#	0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	144363	97.252	ng		0.00
7) Phenol-d6	7.114	99	184166	83.618	ng		0.00
23) Nitrobenzene-d5	9.100	82	142679	58.291	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	162336	86.957	ng		0.00
45) 2-Fluorobiphenyl	13.195	172	379476	61.778	ng		0.00
79) Terphenyl-d14	19.940	244	707682	53.076	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	16788	32.678	ng		97
3) Pyridine	3.836	79	47368	29.829	ng		94
4) n-Nitrosodimethylamine	3.754	42	54844	38.400	ng	#	96
6) Aniline	7.267	93	32164	12.151	ng		95
8) 2-Chlorophenol	7.514	128	81374	43.996	ng		98
9) Benzaldehyde	7.079	77	4186	3.695	ng		93
10) Phenol	7.144	94	91788	41.947	ng		97
11) bis(2-Chloroethyl)ether	7.367	93	60161	38.428	ng		97
12) 1,3-Dichlorobenzene	7.831	146	91779	44.746	ng		94
13) 1,4-Dichlorobenzene	7.978	146	95177	45.050	ng		99
14) 1,2-Dichlorobenzene	8.295	146	90628	43.893	ng		95
15) Benzyl Alcohol	8.178	79	80766	38.839	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.460	45	138567	40.659	ng		99
17) 2-Methylphenol	8.389	107	69194	39.162	ng		97
18) Hexachloroethane	9.024	117	35090	46.094	ng		96
19) n-Nitroso-di-n-propyla...	8.748	70	60796	37.040	ng		99
20) 3+4-Methylphenols	8.712	107	95033	38.459	ng		98
22) Acetophenone	8.759	105	129620	42.210	ng		98
24) Nitrobenzene	9.141	77	96362	40.970	ng		97
25) Isophorone	9.664	82	165933	40.508	ng		98
26) 2-Nitrophenol	9.852	139	47833	43.271	ng		95
27) 2,4-Dimethylphenol	9.917	122	61572	34.751	ng		96
28) bis(2-Chloroethoxy)met...	10.146	93	89622	41.590	ng		95
29) 2,4-Dichlorophenol	10.387	162	89690	43.859	ng		97
30) 1,2,4-Trichlorobenzene	10.604	180	105181	46.617	ng		92
31) Naphthalene	10.792	128	473393	78.627	ng		99
32) Benzoic acid	10.070	122	56800m	42.074	ng		
33) 4-Chloroaniline	10.892	127	28206	10.313	ng		96
34) Hexachlorobutadiene	11.074	225	92477	46.605	ng		95
35) Caprolactam	11.680	113	23277m	35.737	ng		
36) 4-Chloro-3-methylphenol	12.026	107	91687	38.443	ng		95
37) 2-Methylnaphthalene	12.396	142	240963	50.902	ng		98
38) 1-Methylnaphthalene	12.614	142	215227	48.721	ng		98
40) 1,2,4,5-Tetrachloroben...	12.767	216	150313	49.753	ng		99
41) Hexachlorocyclopentadiene	12.749	237	86528	48.675	ng		95
43) 2,4,6-Trichlorophenol	13.007	196	90910	45.776	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.084	196	97437	41.477	ng		97
46) 1,1'-Biphenyl	13.407	154	286499	50.031	ng		97
47) 2-Chloronaphthalene	13.448	162	208449	47.476	ng		98
48) 2-Nitroaniline	13.648	65	69346	39.134	ng		97
49) Acenaphthylene	14.294	152	342779	46.355	ng		99
50) Dimethylphthalate	14.030	163	281069	40.093	ng		98
51) 2,6-Dinitrotoluene	14.147	165	58317	39.868	ng		99
52) Acenaphthene	14.641	154	338378	75.310	ng		99
53) 3-Nitroaniline	14.470	138	34616	24.000	ng		95
54) 2,4-Dinitrophenol	14.682	184	33989	38.750	ng		98
55) Dibenzofuran	14.976	168	480399	61.917	ng		99
56) 4-Nitrophenol	14.794	139	88232	85.386	ng		98
57) 2,4-Dinitrotoluene	14.940	165	85677	40.669	ng		91
58) Fluorene	15.622	166	450843	68.843	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.199	232	97695	41.204	ng	#	99
60) Diethylphthalate	15.399	149	272581	39.482	ng		98
61) 4-Chlorophenyl-phenyle...	15.616	204	162251	40.172	ng		99
62) 4-Nitroaniline	15.640	138	51223	32.936	ng		98
63) Azobenzene	15.910	77	224104	39.909	ng		93
65) 4,6-Dinitro-2-methylph...	15.710	198	28823	23.690	ng		94
66) n-Nitrosodiphenylamine	15.828	169	246998	45.498	ng		99
67) 4-Bromophenyl-phenylether	16.509	248	117891	45.334	ng		97
68) Hexachlorobenzene	16.633	284	140276	48.835	ng		99
69) Atrazine	16.791	200	101192	49.804	ng		94
70) Pentachlorophenol	16.979	266	179659	95.383	ng		96
71) Phenanthrene	17.379	178	3279632	326.077	ng		93
72) Anthracene	17.461	178	1095699	105.776	ng		99
73) Carbazole	17.725	167	691839	80.419	ng		98
74) Di-n-butylphthalate	18.295	149	432954	41.452	ng		100
75) Fluoranthene	19.400	202	4235354	317.300	ng		87
77) Benzidine	19.559	184	98748	25.750	ng		98
78) Pyrene	19.758	202	3859209	273.856	ng	#	90
80) Butylbenzylphthalate	20.634	149	183328	39.031	ng		96
81) Benzo(a)anthracene	21.580	228	2423829	166.577	ng		93
82) 3,3'-Dichlorobenzidine	21.492	252	146285	27.818	ng		95
83) Chrysene	21.644	228	2253880m	162.693	ng		
84) Bis(2-ethylhexyl)phtha...	21.492	149	270088	39.551	ng		99
85) Di-n-octyl phthalate	22.678	149	455219	40.152	ng		99
87) Indeno(1,2,3-cd)pyrene	28.301	276	1335403	82.260	ng		93
88) Benzo(b)fluoranthene	23.760	252	2541752	191.663	ng		100
89) Benzo(k)fluoranthene	23.818	252	1449244m	108.255	ng		
90) Benzo(a)pyrene	24.600	252	2049812	159.690	ng		99
91) Dibenzo(a,h)anthracene	28.348	278	593170	44.723	ng		95
92) Benzo(g,h,i)perylene	29.406	276	1102999m	83.873	ng		

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

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