Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
Data File : BG060889.D
Acq On : 13 Apr 2024 11:44
Operator : MA/JU
Sample : PB160200BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 15 01:14:39 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 :
PB160200BS

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	7.949	152	44805	20.000	ng		-0.01
21) Naphthalene-d8	10.746	136	188590	20.000	ng		-0.01
39) Acenaphthene-d10	14.583	164	159358	20.000	ng		0.00
64) Phenanthrene-d10	17.332	188	401521	20.000	ng		0.00
76) Chrysene-d12	21.598	240	365434	20.000	ng		0.00
86) Perylene-d12	24.741	264	411946	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	321174	119.415	ng		0.00
7) Phenol-d6	7.121	99	478189	119.777	ng		0.00
23) Nitrobenzene-d5	9.107	82	298562	90.336	ng		0.00
42) 2,4,6-Tribromophenol	16.075	330	304303	168.219	ng		0.00
45) 2-Fluorobiphenyl	13.208	172	819421	75.466	ng		-0.01
79) Terphenyl-d14	19.953	244	1668724	80.407	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	32790	29.736	ng		96
3) Pyridine	3.836	79	88180	26.511	ng		89
4) n-Nitrosodimethylamine	3.754	42	75843	38.146	ng		90
6) Aniline	7.274	93	112249	22.265	ng		94
8) 2-Chlorophenol	7.514	128	132863	43.574	ng		96
9) Benzaldehyde	7.091	77	20200m	9.176	ng		
10) Phenol	7.144	94	175274	43.018	ng		96
11) bis(2-Chloroethyl)ether	7.373	93	115316	35.055	ng		95
12) 1,3-Dichlorobenzene	7.843	146	127673	40.264	ng		97
13) 1,4-Dichlorobenzene	7.984	146	130587	40.367	ng		99
14) 1,2-Dichlorobenzene	8.302	146	125578	39.611	ng		100
15) Benzyl Alcohol	8.184	79	129833	40.148	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.472	45	285701	38.484	ng		100
17) 2-Methylphenol	8.390	107	115994	37.711	ng		94
18) Hexachloroethane	9.036	117	46069	40.097	ng		92
19) n-Nitroso-di-n-propyla...	8.754	70	109433	35.944	ng	#	99
20) 3+4-Methylphenols	8.719	107	166611	39.557	ng		94
22) Acetophenone	8.766	105	205816	39.579	ng		97
24) Nitrobenzene	9.148	77	152347	41.792	ng		96
25) Isophorone	9.671	82	289835	38.074	ng		100
26) 2-Nitrophenol	9.859	139	69473	52.825	ng		94
27) 2,4-Dimethylphenol	9.923	122	101149	33.078	ng		99
28) bis(2-Chloroethoxy)met...	10.158	93	168720	37.542	ng		99
29) 2,4-Dichlorophenol	10.399	162	135276	48.175	ng		97
30) 1,2,4-Trichlorobenzene	10.611	180	137762	43.326	ng		99
31) Naphthalene	10.799	128	396194	38.836	ng		99
32) Benzoic acid	10.059	122	103371	50.409	ng		96
33) 4-Chloroaniline	10.899	127	80646	17.020	ng		97
34) Hexachlorobutadiene	11.093	225	99258	46.840	ng		96
35) Caprolactam	11.668	113	49824m	44.800	ng		
36) 4-Chloro-3-methylphenol	12.033	107	165259	46.070	ng		99
37) 2-Methylnaphthalene	12.409	142	292745	39.032	ng		98
38) 1-Methylnaphthalene	12.626	142	275176	38.837	ng		95
40) 1,2,4,5-Tetrachloroben...	12.773	216	193139	42.157	ng		99
41) Hexachlorocyclopentadiene	12.755	237	210834	90.505	ng		98
43) 2,4,6-Trichlorophenol	13.014	196	143263	48.564	ng		96

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44) 2,4,5-Trichlorophenol	13.090	196	159214	45.225	ng		96
46) 1,1'-Biphenyl	13.419	154	434727	38.622	ng		99
47) 2-Chloronaphthalene	13.460	162	337922	39.514	ng		98
48) 2-Nitroaniline	13.654	65	133750	48.203	ng		97
49) Acenaphthylene	14.307	152	577783	40.209	ng		99
50) Dimethylphthalate	14.042	163	497670	39.511	ng		100
51) 2,6-Dinitrotoluene	14.154	165	100480	44.805	ng		97
52) Acenaphthene	14.647	154	407969m	45.219	ng		
53) 3-Nitroaniline	14.483	138	70896	29.806	ng	#	99
54) 2,4-Dinitrophenol	14.694	184	135693	154.770	ng		92
55) Dibenzofuran	14.982	168	552408	38.817	ng		98
56) 4-Nitrophenol	14.800	139	188771	102.517	ng		96
57) 2,4-Dinitrotoluene	14.947	165	151800	51.341	ng		88
58) Fluorene	15.634	166	456758	39.991	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.211	232	152124	49.584	ng		98
60) Diethylphthalate	15.411	149	501208	39.551	ng		99
61) 4-Chlorophenyl-phenyle...	15.628	204	248615	41.145	ng		94
62) 4-Nitroaniline	15.646	138	114566	49.748	ng		94
63) Azobenzene	15.922	77	462011	37.414	ng		97
65) 4,6-Dinitro-2-methylph...	15.711	198	95263	56.100	ng		99
66) n-Nitrosodiphenylamine	15.840	169	436036	38.002	ng		96
67) 4-Bromophenyl-phenylether	16.522	248	177530	43.567	ng		97
68) Hexachlorobenzene	16.639	284	202891	44.106	ng		96
69) Atrazine	16.798	200	175728	43.796	ng		97
70) Pentachlorophenol	16.980	266	274043	91.301	ng		98
71) Phenanthrene	17.374	178	797799	38.205	ng		99
72) Anthracene	17.468	178	828854	39.083	ng		99
73) Carbazole	17.732	167	739821	39.566	ng		99
74) Di-n-butylphthalate	18.308	149	892229	38.274	ng		99
75) Fluoranthene	19.389	202	1005239	39.671	ng		97
77) Benzidine	19.565	184	212542	22.088	ng		98
78) Pyrene	19.747	202	1027214	40.192	ng		98
80) Butylbenzylphthalate	20.646	149	382021	40.976	ng		99
81) Benzo(a)anthracene	21.580	228	1034847	40.174	ng		98
82) 3,3'-Dichlorobenzidine	21.492	252	256631	29.506	ng		97
83) Chrysene	21.645	228	977342	39.364	ng		100
84) Bis(2-ethylhexyl)phtha...	21.510	149	557943	37.547	ng	#	97
85) Di-n-octyl phthalate	22.703	149	963163	39.787	ng		99
87) Indeno(1,2,3-cd)pyrene	28.302	276	1231117	42.439	ng		97
88) Benzo(b)fluoranthene	23.748	252	1003689	42.410	ng		98
89) Benzo(k)fluoranthene	23.813	252	992861	40.988	ng		98
90) Benzo(a)pyrene	24.594	252	933175	40.575	ng		97
91) Dibenzo(a,h)anthracene	28.378	278	1020876	41.746	ng	#	95
92) Benzo(g,h,i)perylene	29.418	276	946648	39.795	ng		98

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

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