Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
Data File : BF139189.D
Acq On : 27 Aug 2024 16:18
Operator : RC/JU
Sample : P3732-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 27 17:26:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
UI-5MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	89300	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	313751	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	174359	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	273027	20.000	ng		0.00
76) Chrysene-d12	14.051	240	167794	20.000	ng		0.00
86) Perylene-d12	15.521	264	157903	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	561357	105.631	ng		0.01
7) Phenol-d6	6.516	99	745205	102.174	ng		0.00
23) Nitrobenzene-d5	7.457	82	464597	82.036	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	174477	116.840	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	767022	68.334	ng		0.00
79) Terphenyl-d14	12.992	244	655348	60.941	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	105383	41.931	ng		98
3) Pyridine	3.493	79	283455	45.382	ng		99
4) n-Nitrosodimethylamine	3.440	42	169403	46.587	ng		98
6) Aniline	6.551	93	297192	43.469	ng		96
8) 2-Chlorophenol	6.675	128	266405	52.764	ng		98
9) Benzaldehyde	6.440	77	115074	25.208	ng		100
10) Phenol	6.534	94	368689	50.089	ng		99
11) bis(2-Chloroethyl)ether	6.628	93	269998	46.555	ng		99
12) 1,3-Dichlorobenzene	6.834	146	295430	44.371	ng		100
13) 1,4-Dichlorobenzene	6.910	146	299065	44.770	ng		99
14) 1,2-Dichlorobenzene	7.063	146	285303	45.394	ng		98
15) Benzyl Alcohol	7.034	79	278537	50.667	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	403474	47.991	ng		99
17) 2-Methylphenol	7.139	107	223855	48.634	ng		97
18) Hexachloroethane	7.404	117	104967	49.667	ng		99
19) n-Nitroso-di-n-propyla...	7.304	70	214904	49.265	ng		99
20) 3+4-Methylphenols	7.292	107	283704	48.321	ng	#	89
22) Acetophenone	7.298	105	381890	47.371	ng		97
24) Nitrobenzene	7.475	77	317719	48.140	ng		96
25) Isophorone	7.710	82	562095	50.189	ng		99
26) 2-Nitrophenol	7.792	139	122886	58.091	ng		97
27) 2,4-Dimethylphenol	7.822	122	207381	62.474	ng		100
28) bis(2-Chloroethoxy)met...	7.922	93	316034	48.740	ng		100
29) 2,4-Dichlorophenol	8.028	162	222899	54.402	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	239578	45.343	ng		99
31) Naphthalene	8.198	128	758354	47.270	ng		100
32) Benzoic acid	7.928	122	145496	50.605	ng		99
33) 4-Chloroaniline	8.239	127	95292	17.236	ng		98
34) Hexachlorobutadiene	8.310	225	160562	46.764	ng		100
35) Caprolactam	8.610	113	71216m	56.660	ng		
36) 4-Chloro-3-methylphenol	8.722	107	245743	52.296	ng		100
37) 2-Methylnaphthalene	8.886	142	487294	48.452	ng		100
38) 1-Methylnaphthalene	8.986	142	446284	45.401	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	240143	46.434	ng		98
41) Hexachlorocyclopentadiene	9.039	237	238094	143.374	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	164939	57.038	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	167943	55.406	ng		99
46) 1,1'-Biphenyl	9.351	154	597329	47.330	ng		99
47) 2-Chloronaphthalene	9.375	162	463399	46.024	ng		99
48) 2-Nitroaniline	9.469	65	158653	52.863	ng		97
49) Acenaphthylene	9.792	152	723518	50.998	ng		100
50) Dimethylphthalate	9.651	163	556395	55.241	ng		100
51) 2,6-Dinitrotoluene	9.710	165	115138	52.824	ng		92
52) Acenaphthene	9.963	154	494744	53.085	ng		100
53) 3-Nitroaniline	9.875	138	80238	37.561	ng		97
54) 2,4-Dinitrophenol	9.980	184	95124	87.934	ng	#	63
55) Dibenzofuran	10.133	168	660695	48.574	ng		100
56) 4-Nitrophenol	10.033	139	174500	93.906	ng		99
57) 2,4-Dinitrotoluene	10.110	165	151405	54.465	ng		95
58) Fluorene	10.475	166	509987	47.525	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	138918	57.183	ng		99
60) Diethylphthalate	10.351	149	527706	55.638	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	253950	48.222	ng		100
62) 4-Nitroaniline	10.492	138	107361	48.338	ng		97
63) Azobenzene	10.627	77	566551	49.137	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	63188	56.558	ng		97
66) n-Nitrosodiphenylamine	10.586	169	445076	55.043	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	152416	52.540	ng		99
68) Hexachlorobenzene	11.022	284	157476	50.160	ng		98
69) Atrazine	11.110	200	147755	83.776	ng		99
70) Pentachlorophenol	11.216	266	187109	101.512	ng		98
71) Phenanthrene	11.439	178	691636	50.130	ng		100
72) Anthracene	11.486	178	700190	52.062	ng		100
73) Carbazole	11.639	167	569803	47.361	ng		100
74) Di-n-butylphthalate	11.974	149	726745	69.696	ng		100
75) Fluoranthene	12.621	202	598309	44.686	ng		99
77) Benzidine	12.745	184	248123	87.632	ng		99
78) Pyrene	12.851	202	595731	37.797	ng		100
80) Butylbenzylphthalate	13.474	149	226706	67.960	ng		99
81) Benzo(a)anthracene	14.039	228	556098	50.019	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	124442	48.075	ng		98
83) Chrysene	14.074	228	517605	51.612	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	301274	75.679	ng		99
85) Di-n-octyl phthalate	14.645	149	534370	67.459	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	373485	34.592	ng		100
88) Benzo(b)fluoranthene	15.092	252	504481	54.616	ng		99
89) Benzo(k)fluoranthene	15.121	252	484182	57.979	ng		99
90) Benzo(a)pyrene	15.457	252	439960	56.115	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	309143	34.934	ng		98
92) Benzo(g,h,i)perylene	17.445	276	263879	28.829	ng		99

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

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