Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139906.D
Acq On : 21 Oct 2024 16:42
Operator : RC/JU
Sample : P4410-01MS 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 21 17:09:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	224528	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	790392	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	369108	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	591109	20.000	ng		0.00
76) Chrysene-d12	14.051	240	427241	20.000	ng		0.00
86) Perylene-d12	15.533	264	354492	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	200100	13.952	ng		0.00
7) Phenol-d6	6.498	99	248534	13.380	ng		-0.01
23) Nitrobenzene-d5	7.445	82	143168	10.039	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	46430	13.448	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	265161	11.873	ng		0.00
79) Terphenyl-d14	12.992	244	258665	9.865	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	37585	5.621	ng		95
3) Pyridine	3.440	79	93358	5.632	ng		99
4) n-Nitrosodimethylamine	3.363	42	50552	5.677	ng	#	98
6) Aniline	6.545	93	66655	3.850	ng		98
8) 2-Chlorophenol	6.669	128	92109	6.282	ng		99
9) Benzaldehyde	6.434	77	23274	2.227	ng		98
10) Phenol	6.510	94	121780	6.359	ng		99
11) bis(2-Chloroethyl)ether	6.616	93	92710	6.263	ng		100
12) 1,3-Dichlorobenzene	6.828	146	107876	6.409	ng		98
13) 1,4-Dichlorobenzene	6.910	146	109880	6.535	ng		96
14) 1,2-Dichlorobenzene	7.057	146	101492	6.467	ng		98
15) Benzyl Alcohol	7.022	79	81685	5.995	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	149470	5.922	ng		98
17) 2-Methylphenol	7.128	107	76373	6.109	ng		97
18) Hexachloroethane	7.404	117	35320	5.890	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	68144	6.049	ng		100
20) 3+4-Methylphenols	7.281	107	97812	6.116	ng		94
22) Acetophenone	7.293	105	131231	6.779	ng		96
24) Nitrobenzene	7.463	77	95073	6.081	ng		98
25) Isophorone	7.704	82	170380	6.295	ng		99
26) 2-Nitrophenol	7.781	139	38577	6.540	ng		97
27) 2,4-Dimethylphenol	7.810	122	72550	7.376	ng		100
28) bis(2-Chloroethoxy)met...	7.916	93	102529	6.252	ng		99
29) 2,4-Dichlorophenol	8.016	162	70137	6.261	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	77363	6.241	ng		99
31) Naphthalene	8.192	128	272531	6.686	ng		99
32) Benzoic acid	7.863	122	45434	5.296	ng		97
33) 4-Chloroaniline	8.234	127	51379	3.696	ng		97
34) Hexachlorobutadiene	8.310	225	49724	6.384	ng		97
35) Caprolactam	8.563	113	20461	5.744	ng		98
36) 4-Chloro-3-methylphenol	8.704	107	68607	5.531	ng		98
37) 2-Methylnaphthalene	8.881	142	162960	6.527	ng		99
38) 1-Methylnaphthalene	8.981	142	151135	6.170	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	74266	7.458	ng		99
41) Hexachlorocyclopentadiene	9.034	237	10887	3.142	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	49167	6.974	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	46302	6.366	ng		97
46) 1,1'-Biphenyl	9.345	154	182381	7.098	ng		99
47) 2-Chloronaphthalene	9.369	162	140679	6.798	ng		99
48) 2-Nitroaniline	9.457	65	38610	6.100	ng		99
49) Acenaphthylene	9.786	152	212714	7.110	ng		99
50) Dimethylphthalate	9.639	163	155184	6.750	ng		100
51) 2,6-Dinitrotoluene	9.698	165	29064	5.838	ng		97
52) Acenaphthene	9.957	154	139181	7.191	ng		99
53) 3-Nitroaniline	9.869	138	25717	5.010	ng		96
54) 2,4-Dinitrophenol	9.969	184	15469	13.397	ng		92
55) Dibenzofuran	10.128	168	189367	6.819	ng		97
56) 4-Nitrophenol	10.010	139	46063	11.663	ng		98
57) 2,4-Dinitrotoluene	10.098	165	36479	5.959	ng	#	99
58) Fluorene	10.475	166	144754	6.844	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	38117	6.685	ng	#	94
60) Diethylphthalate	10.339	149	137838	6.106	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	69086	6.468	ng		96
62) 4-Nitroaniline	10.475	138	25045	5.166	ng		95
63) Azobenzene	10.622	77	148901	6.222	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	10864	4.506	ng		95
66) n-Nitrosodiphenylamine	10.581	169	119751	6.769	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	38782	6.369	ng		99
68) Hexachlorobenzene	11.022	284	50309	7.346	ng		95
69) Atrazine	11.104	200	38142	7.959	ng		100
70) Pentachlorophenol	11.210	266	63532	15.285	ng		99
71) Phenanthrene	11.433	178	229028	8.203	ng		99
72) Anthracene	11.486	178	213036	7.820	ng		99
73) Carbazole	11.639	167	170858	6.744	ng		99
74) Di-n-butylphthalate	11.975	149	200037	6.834	ng		99
75) Fluoranthene	12.622	202	275969	9.777	ng		99
77) Benzidine	12.745	184	25861	3.681	ng	#	92
78) Pyrene	12.851	202	319658	8.548	ng		99
80) Butylbenzylphthalate	13.474	149	79384	7.080	ng		99
81) Benzo(a)anthracene	14.039	228	216608	7.788	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	35297	4.353	ng		98
83) Chrysene	14.074	228	211121	8.279	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	108575	8.631	ng		99
85) Di-n-octyl phthalate	14.645	149	166402	7.273	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	152706	6.696	ng		97
88) Benzo(b)fluoranthene	15.092	252	187174	8.668	ng		97
89) Benzo(k)fluoranthene	15.121	252	143683m	7.715	ng		
90) Benzo(a)pyrene	15.468	252	156486	8.807	ng		95
91) Dibenzo(a,h)anthracene	17.039	278	114000	5.992	ng		99
92) Benzo(g,h,i)perylene	17.468	276	123451	6.496	ng		99

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

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