Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
Data File : BF140040.D
Acq On : 25 Oct 2024 16:29
Operator : RC/JU
Sample : P4487-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 25 16:56:57 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

Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	96720	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	384393	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	222223	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	406780	20.000	ng		0.00
76) Chrysene-d12	14.057	240	215360	20.000	ng	#	0.00
86) Perylene-d12	15.527	264	226810	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	844885	136.751	ng		0.02
7) Phenol-d6	6.516	99	1012218	126.498	ng		0.00
23) Nitrobenzene-d5	7.451	82	755768	108.970	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	371426	178.690	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1381765	102.763	ng		0.00
79) Terphenyl-d14	12.998	244	1530355	115.791	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	119155	41.365	ng	#	81
3) Pyridine	3.575	79	227256	31.828	ng		97
4) n-Nitrosodimethylamine	3.510	42	179566	46.808	ng		98
6) Aniline	6.551	93	201019	26.955	ng		100
8) 2-Chlorophenol	6.675	128	337340	53.410	ng		97
9) Benzaldehyde	6.439	77	24738	5.496	ng		98
10) Phenol	6.528	94	379166m	45.962	ng		
11) bis(2-Chloroethyl)ether	6.628	93	320996	50.342	ng		98
12) 1,3-Dichlorobenzene	6.834	146	354241	48.859	ng		99
13) 1,4-Dichlorobenzene	6.910	146	360410	49.756	ng		99
14) 1,2-Dichlorobenzene	7.057	146	344338	50.935	ng		99
15) Benzyl Alcohol	7.028	79	324071	55.211	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	508734	46.791	ng		96
17) 2-Methylphenol	7.139	107	281085	52.191	ng		99
18) Hexachloroethane	7.404	117	129611	50.178	ng		95
19) n-Nitroso-di-n-propyla...	7.304	70	251632	51.850	ng		96
20) 3+4-Methylphenols	7.292	107	348740	50.625	ng	#	77
22) Acetophenone	7.298	105	473666	50.309	ng		98
24) Nitrobenzene	7.469	77	381506	50.171	ng		98
25) Isophorone	7.710	82	695715	52.851	ng		100
26) 2-Nitrophenol	7.786	139	176626	61.571	ng		98
27) 2,4-Dimethylphenol	7.816	122	288592	60.332	ng		96
28) bis(2-Chloroethoxy)met...	7.916	93	405964	50.902	ng		100
29) 2,4-Dichlorophenol	8.022	162	291527	53.507	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	299819	49.732	ng		99
31) Naphthalene	8.192	128	992422	50.060	ng		100
32) Benzoic acid	7.933	122	212284	50.883	ng		99
33) 4-Chloroaniline	8.233	127	49759	7.361	ng		98
34) Hexachlorobutadiene	8.310	225	194908	51.455	ng		98
35) Caprolactam	8.604	113	86191m	49.752	ng		
36) 4-Chloro-3-methylphenol	8.716	107	336956	55.853	ng		99
37) 2-Methylnaphthalene	8.886	142	639184	52.645	ng		99
38) 1-Methylnaphthalene	8.980	142	603480	50.661	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	306281	51.087	ng		99
41) Hexachlorocyclopentadiene	9.039	237	398120	190.849	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	233222	54.946	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	240582	54.937	ng		100
46) 1,1'-Biphenyl	9.351	154	800113	51.720	ng		99
47) 2-Chloronaphthalene	9.375	162	635870	51.034	ng		99
48) 2-Nitroaniline	9.469	65	225907	59.282	ng		94
49) Acenaphthylene	9.792	152	1011768	56.169	ng		99
50) Dimethylphthalate	9.651	163	781973	56.494	ng		100
51) 2,6-Dinitrotoluene	9.710	165	171035	57.068	ng		99
52) Acenaphthene	9.963	154	716997	61.531	ng		99
53) 3-Nitroaniline	9.875	138	58200	18.831	ng		96
54) 2,4-Dinitrophenol	9.986	184	198988	153.291	ng	#	1
55) Dibenzofuran	10.133	168	897970	53.711	ng		99
56) 4-Nitrophenol	10.033	139	260041	109.361	ng		96
57) 2,4-Dinitrotoluene	10.116	165	239520	64.989	ng		98
58) Fluorene	10.480	166	692718	54.400	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	205122	59.750	ng		99
60) Diethylphthalate	10.351	149	758046	55.777	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	351581	54.673	ng		100
62) 4-Nitroaniline	10.492	138	160537	54.997	ng		96
63) Azobenzene	10.627	77	758666	52.655	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	135409	81.609	ng		93
66) n-Nitrosodiphenylamine	10.586	169	627851	51.570	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	229965	54.876	ng		99
68) Hexachlorobenzene	11.027	284	255635	54.240	ng		96
69) Atrazine	11.110	200	139509	42.301	ng		99
70) Pentachlorophenol	11.216	266	324003	113.273	ng		99
71) Phenanthrene	11.439	178	1036190	53.927	ng		100
72) Anthracene	11.492	178	1053485	56.194	ng		100
73) Carbazole	11.645	167	895296	51.349	ng		99
74) Di-n-butylphthalate	11.974	149	1186740	58.913	ng		100
75) Fluoranthene	12.627	202	1036682	53.370	ng		99
77) Benzidine	12.745	184	59750	16.873	ng		99
78) Pyrene	12.857	202	1036157	54.965	ng		100
80) Butylbenzylphthalate	13.474	149	396566	70.169	ng		98
81) Benzo(a)anthracene	14.045	228	792552	56.533	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	96132	23.518	ng		95
83) Chrysene	14.080	228	707693	55.056	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	506808	79.928	ng	#	99
85) Di-n-octyl phthalate	14.645	149	786434	68.189	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	820439	56.228	ng		97
88) Benzo(b)fluoranthene	15.098	252	716626	51.868	ng		99
89) Benzo(k)fluoranthene	15.127	252	732276	61.456	ng		99
90) Benzo(a)pyrene	15.468	252	695400	61.169	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	681083	55.953	ng		98
92) Benzo(g,h,i)perylene	17.486	276	588522	48.404	ng		98

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

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