Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
Data File : BF140039.D
Acq On : 25 Oct 2024 16:01
Operator : RC/JU
Sample : P4487-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 25 16:32:43 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-B5MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
10/25/2024
Supervised By :mohammad ahmed
10/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	98969	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	385080	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	221263	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	405556	20.000	ng	0.00
76) Chrysene-d12	14.051	240	215222	20.000	ng	0.00
86) Perylene-d12	15.527	264	234806	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	813832	128.732	ng	0.02
7) Phenol-d6	6.516	99	973955	118.950	ng	0.00
23) Nitrobenzene-d5	7.451	82	727732	104.741	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	357148	172.566	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1327340	99.144	ng	0.00
79) Terphenyl-d14	12.998	244	1441289	109.122	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	118056	40.052	ng	# 81
3) Pyridine	3.575	79	203925	27.911	ng	98
4) n-Nitrosodimethylamine	3.510	42	175134	44.615	ng	98
6) Aniline	6.557	93	201834	26.449	ng	98
8) 2-Chlorophenol	6.675	128	326864	50.575	ng	97
9) Benzaldehyde	6.440	77	25716	5.583	ng	98
10) Phenol	6.528	94	362362m	42.927	ng	
11) bis(2-Chloroethyl)ether	6.628	93	311065	47.676	ng	99
12) 1,3-Dichlorobenzene	6.834	146	347489	46.838	ng	100
13) 1,4-Dichlorobenzene	6.910	146	351728	47.454	ng	99
14) 1,2-Dichlorobenzene	7.063	146	335826	48.547	ng	99
15) Benzyl Alcohol	7.028	79	316164	52.640	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	502598	45.176	ng	97
17) 2-Methylphenol	7.134	107	272199	49.393	ng	98
18) Hexachloroethane	7.404	117	126307	47.787	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	245666	49.470	ng	97
20) 3+4-Methylphenols	7.293	107	333914	47.371	ng	# 77
22) Acetophenone	7.298	105	464025	49.198	ng	99
24) Nitrobenzene	7.475	77	369551	48.512	ng	99
25) Isophorone	7.710	82	674753	51.167	ng	99
26) 2-Nitrophenol	7.787	139	170732	59.410	ng	97
27) 2,4-Dimethylphenol	7.816	122	279646	58.358	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	387604	48.513	ng	99
29) 2,4-Dichlorophenol	8.022	162	281949	51.657	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	294385	48.743	ng	98
31) Naphthalene	8.193	128	970453	48.864	ng	100
32) Benzoic acid	7.928	122	184889	44.237	ng	97
33) 4-Chloroaniline	8.234	127	70242	10.372	ng	99
34) Hexachlorobutadiene	8.310	225	190431	50.184	ng	98
35) Caprolactam	8.604	113	83448m	48.083	ng	
36) 4-Chloro-3-methylphenol	8.716	107	324091	53.624	ng	100
37) 2-Methylnaphthalene	8.887	142	628051	51.636	ng	99
38) 1-Methylnaphthalene	8.981	142	589032	49.360	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	302113	50.611	ng	99
41) Hexachlorocyclopentadiene	9.040	237	380181	183.040	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	226345	53.557	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	234749	53.838	ng		99
46) 1,1'-Biphenyl	9.351	154	769578	49.962	ng		99
47) 2-Chloronaphthalene	9.375	162	613326	49.438	ng		99
48) 2-Nitroaniline	9.469	65	221868	58.475	ng		95
49) Acenaphthylene	9.792	152	976212	54.430	ng		99
50) Dimethylphthalate	9.651	163	749255	54.365	ng		100
51) 2,6-Dinitrotoluene	9.710	165	165998	55.628	ng		98
52) Acenaphthene	9.963	154	684346	58.984	ng		100
53) 3-Nitroaniline	9.875	138	80352	26.111	ng		98
54) 2,4-Dinitrophenol	9.986	184	171086	133.260	ng	#	1
55) Dibenzofuran	10.134	168	874410	52.528	ng		99
56) 4-Nitrophenol	10.034	139	256645	108.401	ng		94
57) 2,4-Dinitrotoluene	10.116	165	229232	62.467	ng		98
58) Fluorene	10.481	166	668760	52.746	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	200845	58.758	ng		97
60) Diethylphthalate	10.351	149	747785	55.261	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	342824	53.542	ng		99
62) 4-Nitroaniline	10.492	138	164621	56.641	ng		95
63) Azobenzene	10.628	77	733181	51.107	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	121122	73.219	ng		92
66) n-Nitrosodiphenylamine	10.586	169	629850	51.890	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	222127	53.166	ng		99
68) Hexachlorobenzene	11.028	284	250605	53.333	ng		97
69) Atrazine	11.110	200	163505	49.727	ng		98
70) Pentachlorophenol	11.216	266	310243	108.790	ng		99
71) Phenanthrene	11.439	178	1012838	52.871	ng		100
72) Anthracene	11.492	178	1035040	55.377	ng		100
73) Carbazole	11.645	167	888049	51.087	ng		99
74) Di-n-butylphthalate	11.975	149	1131999	56.366	ng		100
75) Fluoranthene	12.628	202	979598	50.583	ng		98
77) Benzidine	12.745	184	88412	24.982	ng		99
78) Pyrene	12.857	202	970952	51.539	ng		100
80) Butylbenzylphthalate	13.475	149	374777	66.356	ng		98
81) Benzo(a)anthracene	14.045	228	762348	54.414	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	145138	35.530	ng		97
83) Chrysene	14.080	228	683451	53.205	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	477345	75.330	ng		99
85) Di-n-octyl phthalate	14.645	149	767600	66.598	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	834226	55.226	ng		97
88) Benzo(b)fluoranthene	15.098	252	709159	49.580	ng		99
89) Benzo(k)fluoranthene	15.127	252	715735	58.022	ng		99
90) Benzo(a)pyrene	15.469	252	683836	58.103	ng		98
91) Dibenzo(a,h)anthracene	17.051	278	689989	54.755	ng		98
92) Benzo(g,h,i)perylene	17.486	276	605548	48.108	ng		98

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

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