Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140912.D
Acq On : 18 Dec 2024 18:04
Operator : RC/JU
Sample : P5291-08MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW6-20241213MS

Quant Time: Dec 19 00:15:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	60530	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	235451	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	140282	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	244956	20.000	ng		0.00
76) Chrysene-d12	14.033	240	147078	20.000	ng		0.00
86) Perylene-d12	15.539	264	150433	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	308568	83.919	ng		0.00
7) Phenol-d6	6.504	99	219544	45.079	ng		0.00
23) Nitrobenzene-d5	7.416	82	487003	103.483	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	237964	143.426	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	993067	97.327	ng		0.00
79) Terphenyl-d14	12.963	244	941335	100.923	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	26812	16.929	ng		94
3) Pyridine	3.416	79	48679	13.272	ng		96
4) n-Nitrosodimethylamine	3.346	42	38321	20.725	ng	#	97
6) Aniline	6.516	93	133376	32.030	ng	#	82
8) 2-Chlorophenol	6.645	128	178169	44.434	ng		98
9) Benzaldehyde	6.404	77	70134	25.990	ng	#	23
10) Phenol	6.516	94	105140	20.830	ng	#	64
11) bis(2-Chloroethyl)ether	6.581	93	200382	53.232	ng		97
12) 1,3-Dichlorobenzene	6.787	146	207209	45.351	ng		98
13) 1,4-Dichlorobenzene	6.863	146	210736	45.438	ng		99
14) 1,2-Dichlorobenzene	7.016	146	201176	45.974	ng		97
15) Benzyl Alcohol	6.998	79	133484	38.333	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	246281	55.538	ng		94
17) 2-Methylphenol	7.122	107	125553	39.219	ng	#	92
18) Hexachloroethane	7.357	117	104894	60.753	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	165708	56.722	ng		100
20) 3+4-Methylphenols	7.275	107	152300	35.877	ng	#	84
22) Acetophenone	7.263	105	360973	61.287	ng		94
24) Nitrobenzene	7.440	77	244659	50.746	ng		98
25) Isophorone	7.675	82	438242	55.577	ng		99
26) 2-Nitrophenol	7.751	139	118590	53.407	ng		95
27) 2,4-Dimethylphenol	7.792	122	209632	80.839	ng		98
28) bis(2-Chloroethoxy)met...	7.881	93	252895	51.350	ng		99
29) 2,4-Dichlorophenol	8.004	162	178117	49.751	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	190090	46.316	ng		99
31) Naphthalene	8.151	128	768248	59.400	ng		99
32) Benzoic acid	7.934	122	47671	19.383	ng	#	83
33) 4-Chloroaniline	8.210	127	92694	21.579	ng		99
34) Hexachlorobutadiene	8.263	225	124116	44.949	ng		99
35) Caprolactam	8.663	113	9027	8.469	ng	#	89
36) 4-Chloro-3-methylphenol	8.698	107	186274	46.227	ng		98
37) 2-Methylnaphthalene	8.845	142	452341	52.871	ng		99
38) 1-Methylnaphthalene	8.945	142	428660	50.661	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	217061	50.342	ng		99
41) Hexachlorocyclopentadiene	8.992	237	79945	61.515	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	135198	51.208	ng		98

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Operator : RC/JU
Sample : P5291-08MS
Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	145237	50.049	ng	98
46) 1,1'-Biphenyl	9.310	154	570652	51.157	ng	99
47) 2-Chloronaphthalene	9.334	162	418363	49.025	ng	98
48) 2-Nitroaniline	9.439	65	140359	54.460	ng	99
49) Acenaphthylene	9.751	152	674463	53.781	ng	99
50) Dimethylphthalate	9.610	163	512617	51.831	ng	99
51) 2,6-Dinitrotoluene	9.681	165	109503	48.431	ng	99
52) Acenaphthene	9.922	154	418589	52.252	ng	100
53) 3-Nitroaniline	9.857	138	57100	25.448	ng	97
54) 2,4-Dinitrophenol	9.975	184	111206	99.103	ng	98
55) Dibenzofuran	10.092	168	627512	50.551	ng	99
56) 4-Nitrophenol	10.057	139	28903	27.059	ng	97
57) 2,4-Dinitrotoluene	10.092	165	145476	48.902	ng	98
58) Fluorene	10.439	166	500319	48.855	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	126796	53.622	ng	99
60) Diethylphthalate	10.304	149	510205	49.748	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	248701	48.346	ng	99
62) 4-Nitroaniline	10.475	138	90457	38.579	ng	97
63) Azobenzene	10.586	77	488284	50.643	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	78478	56.538	ng	94
66) n-Nitrosodiphenylamine	10.551	169	429786	57.067	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	150690	54.989	ng	98
68) Hexachlorobenzene	10.986	284	169988	54.711	ng	97
69) Atrazine	11.080	200	130269	61.933	ng	98
70) Pentachlorophenol	11.192	266	151933	133.750	ng	99
71) Phenanthrene	11.404	178	699482	55.529	ng	100
72) Anthracene	11.457	178	717157	57.811	ng	100
73) Carbazole	11.616	167	606371	49.904	ng	99
74) Di-n-butylphthalate	11.927	149	784943	55.044	ng	100
75) Fluoranthene	12.592	202	691399	47.659	ng	99
78) Pyrene	12.827	202	686440	52.484	ng	100
80) Butylbenzylphthalate	13.433	149	254258	52.833	ng	97
81) Benzo(a)anthracene	14.021	228	522877	50.161	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	71117	22.613	ng	100
83) Chrysene	14.063	228	494484	52.167	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	353952	57.040	ng	99
85) Di-n-octyl phthalate	14.627	149	579524	61.731	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	473624	50.452	ng	99
88) Benzo(b)fluoranthene	15.104	252	520276	49.824	ng	99
89) Benzo(k)fluoranthene	15.133	252	492548	54.988	ng	100
90) Benzo(a)pyrene	15.480	252	474880	58.078	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	396339	50.962	ng	99
92) Benzo(g,h,i)perylene	17.509	276	350797	44.319	ng	99

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

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