Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140926.D
Acq On : 19 Dec 2024 15:13
Operator : RC/JU
Sample : P5291-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

Quant Time: Dec 19 16:07:55 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	6.851	152	53334	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	219250	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	121709	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	198273	20.000	ng		0.00
76) Chrysene-d12	14.027	240	126402	20.000	ng		0.00
86) Perylene-d12	15.527	264	92913	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	467579	144.321	ng		0.01
7) Phenol-d6	6.504	99	561162	130.770	ng		0.00
23) Nitrobenzene-d5	7.416	82	451288	102.980	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	196413	136.448	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	914273	103.278	ng		0.00
79) Terphenyl-d14	12.957	244	868398	108.333	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	66666	47.772	ng		99
3) Pyridine	3.452	79	97664	30.219	ng		98
4) n-Nitrosodimethylamine	3.387	42	86815	53.286	ng		91
6) Aniline	6.522	93	36693	10.001	ng	#	1
8) 2-Chlorophenol	6.645	128	189067	53.514	ng		99
9) Benzaldehyde	6.416	77	12991	5.464	ng		89
10) Phenol	6.516	94	199550	44.868	ng		81
11) bis(2-Chloroethyl)ether	6.587	93	178768	53.898	ng		98
12) 1,3-Dichlorobenzene	6.792	146	207944	51.652	ng		97
13) 1,4-Dichlorobenzene	6.869	146	209750	51.327	ng		99
14) 1,2-Dichlorobenzene	7.016	146	201603	52.287	ng		98
15) Benzyl Alcohol	6.998	79	145976	47.577	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	218254	55.859	ng		94
17) 2-Methylphenol	7.122	107	144398	51.192	ng		98
18) Hexachloroethane	7.351	117	83261	54.730	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	141284	54.887	ng		99
20) 3+4-Methylphenols	7.275	107	195795	52.347	ng	#	80
22) Acetophenone	7.263	105	276180	50.355	ng		95
24) Nitrobenzene	7.434	77	222671	49.598	ng		98
25) Isophorone	7.675	82	406704	55.389	ng		99
26) 2-Nitrophenol	7.751	139	115652	55.932	ng		96
27) 2,4-Dimethylphenol	7.792	122	155402	64.355	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	241148	52.583	ng		98
29) 2,4-Dichlorophenol	8.004	162	175518	52.648	ng		100
30) 1,2,4-Trichlorobenzene	8.069	180	189919	49.694	ng		100
31) Naphthalene	8.151	128	662575	55.015	ng		100
32) Benzoic acid	7.939	122	82867	36.184	ng		96
33) 4-Chloroaniline	8.234	127	47587	11.897	ng		98
34) Hexachlorobutadiene	8.263	225	127835	49.716	ng		100
35) Caprolactam	8.581	113	38950m	39.244	ng		
36) 4-Chloro-3-methylphenol	8.704	107	181314	48.321	ng		100
37) 2-Methylnaphthalene	8.839	142	414742	52.058	ng		100
38) 1-Methylnaphthalene	8.939	142	391651	49.708	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	205974	55.060	ng		99
41) Hexachlorocyclopentadiene	8.992	237	81364	67.749	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	120077	52.421	ng		99

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44) 2,4,5-Trichlorophenol	9.186	196	123793	49.169	ng		98
46) 1,1'-Biphenyl	9.304	154	519251	53.652	ng		99
47) 2-Chloronaphthalene	9.334	162	391202	52.837	ng		100
48) 2-Nitroaniline	9.439	65	105679	47.261	ng		95
49) Acenaphthylene	9.745	152	616133	56.627	ng		100
50) Dimethylphthalate	9.604	163	451022	52.562	ng		100
51) 2,6-Dinitrotoluene	9.681	165	97163	49.531	ng		90
52) Acenaphthene	9.916	154	379823	54.649	ng		99
53) 3-Nitroaniline	9.857	138	16054	8.247	ng		94
54) 2,4-Dinitrophenol	9.975	184	85129	88.211	ng		92
55) Dibenzofuran	10.092	168	565314	52.490	ng		99
56) 4-Nitrophenol	10.045	139	53154	52.384	ng		97
57) 2,4-Dinitrotoluene	10.086	165	124049	48.063	ng		97
58) Fluorene	10.433	166	447643	50.382	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	101425	49.438	ng		98
60) Diethylphthalate	10.304	149	441425	49.610	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	225387	50.500	ng		97
62) 4-Nitroaniline	10.469	138	52452m	25.784	ng		
63) Azobenzene	10.580	77	374141	44.726	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	60315	53.684	ng		98
66) n-Nitrosodiphenylamine	10.545	169	244428	40.096	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	132729	59.838	ng		96
68) Hexachlorobenzene	10.986	284	150230	59.736	ng		100
69) Atrazine	11.069	200	20609	12.105	ng		99
70) Pentachlorophenol	11.192	266	81746	88.906	ng		100
71) Phenanthrene	11.398	178	600489	58.894	ng		99
72) Anthracene	11.451	178	610114	60.762	ng		99
73) Carbazole	11.610	167	327174	33.266	ng		99
74) Di-n-butylphthalate	11.927	149	616920	53.447	ng		99
75) Fluoranthene	12.592	202	548686	46.727	ng		100
77) Benzidine	12.739	184	5390m	2.089	ng		
78) Pyrene	12.822	202	581451	51.729	ng		100
80) Butylbenzylphthalate	13.427	149	220746	53.373	ng		98
81) Benzo(a)anthracene	14.016	228	491441	54.857	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	2181	0.807	ng	#	97
83) Chrysene	14.057	228	427461	52.473	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	313699	58.823	ng		100
85) Di-n-octyl phthalate	14.616	149	474503	58.812	ng		99
87) Indeno(1,2,3-cd)pyrene	17.045	276	519022	89.515	ng		100
88) Benzo(b)fluoranthene	15.092	252	478225	74.149	ng		100
89) Benzo(k)fluoranthene	15.121	252	449427	81.235	ng		99
90) Benzo(a)pyrene	15.463	252	409188	81.024	ng		100
91) Dibenzo(a,h)anthracene	17.045	278	437789	91.141	ng		99
92) Benzo(g,h,i)perylene	17.498	276	418505	85.605	ng		99

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

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