Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140892.D
Acq On : 17 Dec 2024 18:15
Operator : RC/JU
Sample : P5301-03MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-121624MS

Quant Time: Dec 18 00:13:41 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	46342	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	162145	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	82513	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	150674	20.000	ng	#	0.00
76) Chrysene-d12	14.033	240	126293	20.000	ng	#	0.00
86) Perylene-d12	15.539	264	116114	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	287845	102.250	ng		0.01
7) Phenol-d6	6.504	99	363277	97.429	ng		0.00
23) Nitrobenzene-d5	7.416	82	230057	70.986	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	99499	101.957	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	412506	68.733	ng		0.00
79) Terphenyl-d14	12.957	244	429995	53.688	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	52100	42.967	ng		98
3) Pyridine	3.434	79	128980	45.931	ng		99
4) n-Nitrosodimethylamine	3.375	42	67906	47.968	ng		99
6) Aniline	6.522	93	79823	25.038	ng	#	57
8) 2-Chlorophenol	6.645	128	140230	45.679	ng		99
9) Benzaldehyde	6.410	77	31335	15.167	ng		96
10) Phenol	6.516	94	175232	45.344	ng		95
11) bis(2-Chloroethyl)ether	6.587	93	138203	47.954	ng		98
12) 1,3-Dichlorobenzene	6.792	146	155299	44.396	ng		99
13) 1,4-Dichlorobenzene	6.869	146	156681	44.126	ng		99
14) 1,2-Dichlorobenzene	7.022	146	148410	44.299	ng		99
15) Benzyl Alcohol	6.998	79	127680	47.892	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	156488	46.093	ng		85
17) 2-Methylphenol	7.122	107	109353	44.617	ng		97
18) Hexachloroethane	7.357	117	50753	38.395	ng		98
19) n-Nitroso-di-n-propyla...	7.263	70	99778	44.611	ng		99
20) 3+4-Methylphenols	7.281	107	142857	43.956	ng	#	67
22) Acetophenone	7.257	105	206614	50.939	ng		94
24) Nitrobenzene	7.434	77	148681	44.781	ng		99
25) Isophorone	7.675	82	266054	48.995	ng		99
26) 2-Nitrophenol	7.751	139	62581	40.925	ng		98
27) 2,4-Dimethylphenol	7.792	122	102923	57.633	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	156117	46.030	ng		97
29) 2,4-Dichlorophenol	8.010	162	114644	46.499	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	122935	43.496	ng		98
31) Naphthalene	8.151	128	403132	45.261	ng		100
32) Benzoic acid	7.934	122	69494	41.031	ng		89
33) 4-Chloroaniline	8.216	127	60806	20.555	ng		99
34) Hexachlorobutadiene	8.263	225	84066	44.209	ng		99
35) Caprolactam	8.581	113	33402	45.507	ng	#	85
36) 4-Chloro-3-methylphenol	8.704	107	118797	42.810	ng		98
37) 2-Methylnaphthalene	8.845	142	266342	45.205	ng		100
38) 1-Methylnaphthalene	8.939	142	237629	40.781	ng		97
40) 1,2,4,5-Tetrachloroben...	9.010	216	126100	49.721	ng		99
41) Hexachlorocyclopentadiene	8.992	237	3506	8.170	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	78139	50.317	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	80338	47.067	ng	#	93
46) 1,1'-Biphenyl	9.304	154	320127	48.790	ng		99
47) 2-Chloronaphthalene	9.333	162	232348	46.289	ng		98
48) 2-Nitroaniline	9.439	65	78954	52.082	ng		98
49) Acenaphthylene	9.751	152	372034	50.435	ng		99
50) Dimethylphthalate	9.604	163	278289	47.838	ng		100
51) 2,6-Dinitrotoluene	9.675	165	52914	39.788	ng		98
52) Acenaphthene	9.922	154	227400	48.260	ng		100
53) 3-Nitroaniline	9.851	138	56509	42.817	ng		99
54) 2,4-Dinitrophenol	9.980	184	5258	13.982	ng	#	48
55) Dibenzofuran	10.092	168	343949	47.107	ng		98
56) 4-Nitrophenol	10.039	139	65543	91.641	ng		85
57) 2,4-Dinitrotoluene	10.086	165	69505	39.722	ng	#	96
58) Fluorene	10.439	166	283081	46.995	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	67202	48.317	ng	#	99
60) Diethylphthalate	10.304	149	284844	47.219	ng		100
61) 4-Chlorophenyl-phenyle...	10.422	204	135236	44.694	ng		96
62) 4-Nitroaniline	10.469	138	61016	44.241	ng		96
63) Azobenzene	10.586	77	275909	48.651	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	6730	7.882	ng	#	1
66) n-Nitrosodiphenylamine	10.545	169	239636	51.729	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	80480	47.745	ng		98
68) Hexachlorobenzene	10.986	284	89654	46.911	ng	#	94
69) Atrazine	11.075	200	72579	56.097	ng		99
70) Pentachlorophenol	11.192	266	76990	110.186	ng		99
71) Phenanthrene	11.404	178	467579	60.346	ng		99
72) Anthracene	11.457	178	412093	54.006	ng		99
73) Carbazole	11.616	167	362272	48.471	ng		99
74) Di-n-butylphthalate	11.927	149	449122	51.202	ng		99
75) Fluoranthene	12.598	202	575346	64.476	ng		99
77) Benzidine	12.716	184	143712	55.754	ng		98
78) Pyrene	12.827	202	590333	52.564	ng		100
80) Butylbenzylphthalate	13.433	149	197867	47.882	ng		97
81) Benzo(a)anthracene	14.027	228	504647	56.380	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	106135	39.302	ng		98
83) Chrysene	14.063	228	440685	54.143	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	334663	62.808	ng		99
85) Di-n-octyl phthalate	14.627	149	486481	60.348	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	349569	48.243	ng		99
88) Benzo(b)fluoranthene	15.104	252	443191	54.986	ng		97
89) Benzo(k)fluoranthene	15.133	252	329403	47.644	ng	#	97
90) Benzo(a)pyrene	15.480	252	359923	57.029	ng		98
91) Dibenzo(a,h)anthracene	17.062	278	277880	46.291	ng		99
92) Benzo(g,h,i)perylene	17.515	276	262163	42.910	ng		98

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

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