Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140910.D
Acq On : 18 Dec 2024 17:12
Operator : RC/JU
Sample : P5277-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1AMSD

Quant Time: Dec 18 18:05:21 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	72196	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	286565	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	159772	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	297605	20.000	ng		0.00
76) Chrysene-d12	14.027	240	174501	20.000	ng		0.00
86) Perylene-d12	15.510	264	150856	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	412800	94.125	ng		0.00
7) Phenol-d6	6.498	99	584421	100.609	ng		0.00
23) Nitrobenzene-d5	7.416	82	364156	63.578	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	187973	99.475	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	756115	65.064	ng		0.00
79) Terphenyl-d14	12.957	244	791563	71.529	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	63566	33.650	ng		98
3) Pyridine	3.434	79	165834	37.907	ng		99
4) n-Nitrosodimethylamine	3.381	42	81857	37.116	ng		94
6) Aniline	6.516	93	183874	37.022	ng	#	77
8) 2-Chlorophenol	6.645	128	237885	49.740	ng		100
9) Benzaldehyde	6.404	77	50112	15.569	ng		98
10) Phenol	6.516	94	311927	51.811	ng		95
11) bis(2-Chloroethyl)ether	6.581	93	216229	48.160	ng		99
12) 1,3-Dichlorobenzene	6.787	146	238285	43.725	ng		98
13) 1,4-Dichlorobenzene	6.863	146	250496	45.283	ng		98
14) 1,2-Dichlorobenzene	7.016	146	243317	46.619	ng		99
15) Benzyl Alcohol	6.998	79	224390	54.026	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	258176	48.813	ng		86
17) 2-Methylphenol	7.116	107	185495	48.580	ng		98
18) Hexachloroethane	7.351	117	90163	43.782	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	173646	49.835	ng		98
20) 3+4-Methylphenols	7.275	107	261175	51.583	ng	#	76
22) Acetophenone	7.263	105	338097	47.164	ng		96
24) Nitrobenzene	7.434	77	253408	43.186	ng		96
25) Isophorone	7.675	82	441297	45.982	ng		99
26) 2-Nitrophenol	7.751	139	124090	45.916	ng		97
27) 2,4-Dimethylphenol	7.792	122	178152	56.446	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	276025	46.049	ng		100
29) 2,4-Dichlorophenol	8.004	162	206572	47.407	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	209439	41.929	ng		100
31) Naphthalene	8.151	128	718593	45.650	ng		100
32) Benzoic acid	7.945	122	119256	39.841	ng		97
33) 4-Chloroaniline	8.210	127	97796	18.706	ng		96
34) Hexachlorobutadiene	8.263	225	141949	42.238	ng		100
35) Caprolactam	8.592	113	64351m	49.607	ng		
36) 4-Chloro-3-methylphenol	8.704	107	222440	45.356	ng		99
37) 2-Methylnaphthalene	8.845	142	462320	44.399	ng		100
38) 1-Methylnaphthalene	8.939	142	438214	42.553	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	229788	46.792	ng		99
41) Hexachlorocyclopentadiene	8.992	237	85058	59.006	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	141737	47.136	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	152471	46.132	ng	99
46) 1,1'-Biphenyl	9.304	154	604700	47.596	ng	99
47) 2-Chloronaphthalene	9.333	162	454352	46.747	ng	99
48) 2-Nitroaniline	9.439	65	145755	49.655	ng	97
49) Acenaphthylene	9.751	152	729343	51.063	ng	100
50) Dimethylphthalate	9.604	163	550494	48.871	ng	99
51) 2,6-Dinitrotoluene	9.681	165	120943	46.966	ng	95
52) Acenaphthene	9.922	154	435991	47.786	ng	99
53) 3-Nitroaniline	9.851	138	71643	28.035	ng	98
54) 2,4-Dinitrophenol	9.975	184	106643	84.477	ng	96
55) Dibenzofuran	10.092	168	664321	46.988	ng	100
56) 4-Nitrophenol	10.039	139	114518	83.125	ng	95
57) 2,4-Dinitrotoluene	10.092	165	156673	46.241	ng	99
58) Fluorene	10.439	166	549228	47.089	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	134641	49.994	ng	95
60) Diethylphthalate	10.304	149	542825	46.472	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	275805	47.074	ng	98
62) 4-Nitroaniline	10.475	138	121870	45.636	ng	95
63) Azobenzene	10.586	77	571243	52.020	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	85133	50.482	ng	97
66) n-Nitrosodiphenylamine	10.545	169	480286	52.490	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	152167	45.704	ng	98
68) Hexachlorobenzene	10.986	284	171984	45.561	ng	98
69) Atrazine	11.075	200	151118	59.135	ng	99
70) Pentachlorophenol	11.192	266	121877	88.310	ng	98
71) Phenanthrene	11.404	178	767681	50.162	ng	99
72) Anthracene	11.457	178	794007	52.683	ng	99
73) Carbazole	11.616	167	693535	46.980	ng	99
74) Di-n-butylphthalate	11.927	149	849944	49.058	ng	100
75) Fluoranthene	12.592	202	800765	45.433	ng	99
77) Benzidine	12.716	184	211228	59.309	ng	100
78) Pyrene	12.827	202	809838	52.188	ng	99
80) Butylbenzylphthalate	13.427	149	276908	48.498	ng	99
81) Benzo(a)anthracene	14.016	228	613436	49.601	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	107611	28.840	ng	99
83) Chrysene	14.057	228	507901	45.162	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	398277	54.097	ng	100
85) Di-n-octyl phthalate	14.604	149	668869	60.051	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	526943	55.974	ng	99
88) Benzo(b)fluoranthene	15.080	252	555365	53.035	ng	100
89) Benzo(k)fluoranthene	15.104	252	502785	55.973	ng	99
90) Benzo(a)pyrene	15.451	252	425179	51.853	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	443997	56.930	ng	99
92) Benzo(g,h,i)perylene	17.474	276	341863	43.069	ng	100

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

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