Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140909.D
Acq On : 18 Dec 2024 16:46
Operator : RC/JU
Sample : P5277-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1AMS

Quant Time: Dec 18 17:18:27 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	67242	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	255498	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	136301	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	272033	20.000	ng		0.00
76) Chrysene-d12	14.027	240	155658	20.000	ng		0.00
86) Perylene-d12	15.510	264	148257	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	435764	106.681	ng		0.00
7) Phenol-d6	6.498	99	575538	106.379	ng		0.00
23) Nitrobenzene-d5	7.416	82	342485	67.065	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	161314	100.067	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	764321	77.096	ng		0.00
79) Terphenyl-d14	12.957	244	732431	74.198	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	62100	35.296	ng		99
3) Pyridine	3.428	79	168243	41.291	ng		96
4) n-Nitrosodimethylamine	3.375	42	85506	41.627	ng		97
6) Aniline	6.516	93	186415	40.298	ng	#	77
8) 2-Chlorophenol	6.645	128	240402	53.970	ng		99
9) Benzaldehyde	6.404	77	50224	16.754	ng		98
10) Phenol	6.516	94	309370	55.172	ng		97
11) bis(2-Chloroethyl)ether	6.581	93	215759	51.596	ng		99
12) 1,3-Dichlorobenzene	6.787	146	239599	47.205	ng		98
13) 1,4-Dichlorobenzene	6.863	146	245830	47.714	ng		99
14) 1,2-Dichlorobenzene	7.016	146	234727	48.287	ng		98
15) Benzyl Alcohol	6.998	79	217499	56.225	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	262545	53.296	ng		86
17) 2-Methylphenol	7.116	107	191520	53.854	ng		98
18) Hexachloroethane	7.351	117	84745	44.183	ng		94
19) n-Nitroso-di-n-propyla...	7.263	70	161199	49.671	ng		99
20) 3+4-Methylphenols	7.275	107	246017	52.169	ng	#	76
22) Acetophenone	7.257	105	316794	49.566	ng		95
24) Nitrobenzene	7.434	77	239158	45.713	ng		99
25) Isophorone	7.675	82	435795	50.930	ng		100
26) 2-Nitrophenol	7.751	139	121820	50.557	ng		98
27) 2,4-Dimethylphenol	7.792	122	171918	61.094	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	261953	49.016	ng		98
29) 2,4-Dichlorophenol	8.004	162	197934	50.948	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	199858	44.876	ng		100
31) Naphthalene	8.151	128	666706	47.504	ng		100
32) Benzoic acid	7.945	122	111616	41.823	ng		99
33) 4-Chloroaniline	8.210	127	88377	18.960	ng		99
34) Hexachlorobutadiene	8.263	225	130118	43.425	ng		100
35) Caprolactam	8.592	113	65627m	56.742	ng		
36) 4-Chloro-3-methylphenol	8.704	107	228442	52.244	ng		100
37) 2-Methylnaphthalene	8.845	142	474332	51.091	ng		100
38) 1-Methylnaphthalene	8.945	142	450588	49.074	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	232660	55.535	ng		99
41) Hexachlorocyclopentadiene	8.992	237	85564	65.232	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	144706	56.410	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	155675	55.212	ng	99
46) 1,1'-Biphenyl	9.304	154	622578	57.442	ng	99
47) 2-Chloronaphthalene	9.334	162	464049	55.966	ng	99
48) 2-Nitroaniline	9.439	65	133365	53.257	ng	98
49) Acenaphthylene	9.751	152	624390	51.242	ng	100
50) Dimethylphthalate	9.604	163	466062	48.500	ng	100
51) 2,6-Dinitrotoluene	9.681	165	102016	46.438	ng	97
52) Acenaphthene	9.922	154	383137	49.224	ng	100
53) 3-Nitroaniline	9.851	138	61640	28.274	ng	99
54) 2,4-Dinitrophenol	9.975	184	91734	85.126	ng	98
55) Dibenzofuran	10.092	168	579771	48.070	ng	99
56) 4-Nitrophenol	10.039	139	98890	84.087	ng	89
57) 2,4-Dinitrotoluene	10.092	165	134779	46.629	ng	97
58) Fluorene	10.439	166	479721	48.212	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	120510	52.452	ng	95
60) Diethylphthalate	10.304	149	481875	48.358	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	235996	47.216	ng	99
62) 4-Nitroaniline	10.475	138	105321m	46.230	ng	
63) Azobenzene	10.586	77	491415	52.457	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	76076	49.352	ng	96
66) n-Nitrosodiphenylamine	10.545	169	419931	50.208	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	145477	47.802	ng	98
68) Hexachlorobenzene	10.986	284	165914	48.085	ng	97
69) Atrazine	11.075	200	142211	60.880	ng	100
70) Pentachlorophenol	11.192	266	113331	89.837	ng	98
71) Phenanthrene	11.404	178	696298	49.774	ng	100
72) Anthracene	11.457	178	715772	51.956	ng	99
73) Carbazole	11.616	167	641103	47.511	ng	99
74) Di-n-butylphthalate	11.927	149	793353	50.096	ng	100
75) Fluoranthene	12.598	202	756629	46.964	ng	100
77) Benzidine	12.716	184	182355	57.400	ng	100
78) Pyrene	12.827	202	761470	55.012	ng	99
80) Butylbenzylphthalate	13.427	149	282644	55.495	ng	98
81) Benzo(a)anthracene	14.016	228	541249	49.062	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	100249	30.119	ng	98
83) Chrysene	14.057	228	505382	50.378	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	368914	56.174	ng	100
85) Di-n-octyl phthalate	14.598	149	594076	59.793	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	486547	52.589	ng	100
88) Benzo(b)fluoranthene	15.074	252	489488	47.564	ng	99
89) Benzo(k)fluoranthene	15.104	252	398610	45.154	ng	100
90) Benzo(a)pyrene	15.451	252	422870	52.476	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	407291	53.139	ng	99
92) Benzo(g,h,i)perylene	17.474	276	364899	46.777	ng	99

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

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