Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141208.D
Acq On : 17 Jan 2025 22:04
Operator : RC/JU
Sample : Q1115-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-214MSD

Quant Time: Jan 17 23:13:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	211037	20.000	ng		-0.01
21) Naphthalene-d8	8.098	136	815596	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	399988	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	540969	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	394660	20.000	ng		-0.01
86) Perylene-d12	15.421	264	327550	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1283896	93.982	ng		0.00
7) Phenol-d6	6.445	99	1620847	93.665	ng		0.00
23) Nitrobenzene-d5	7.375	82	1036271	67.351	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	417630	91.634	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	1761458	67.248	ng		-0.01
79) Terphenyl-d14	12.916	244	1326218	49.946	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	215987	35.504	ng		98
3) Pyridine	3.357	79	487425	32.673	ng		96
4) n-Nitrosodimethylamine	3.304	42	291676	39.986	ng		98
6) Aniline	6.475	93	230863	15.027	ng	#	48
8) 2-Chlorophenol	6.598	128	618150	42.175	ng		97
9) Benzaldehyde	6.357	77	75287	7.387	ng		98
10) Phenol	6.463	94	720887	38.916	ng		94
11) bis(2-Chloroethyl)ether	6.551	93	567653	41.119	ng		96
12) 1,3-Dichlorobenzene	6.751	146	641543	39.246	ng		99
13) 1,4-Dichlorobenzene	6.828	146	648415	39.363	ng		99
14) 1,2-Dichlorobenzene	6.981	146	619260	40.301	ng		99
15) Benzyl Alcohol	6.957	79	535521	42.852	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.086	45	764341	39.677	ng		89
17) 2-Methylphenol	7.069	107	489686	41.383	ng		98
18) Hexachloroethane	7.328	117	237413	39.854	ng		96
19) n-Nitroso-di-n-propyla...	7.234	70	416064	40.816	ng		96
20) 3+4-Methylphenols	7.222	107	605387	40.552	ng	#	82
22) Acetophenone	7.222	105	794801	40.993	ng	#	94
24) Nitrobenzene	7.398	77	628463	39.192	ng		98
25) Isophorone	7.634	82	1119986	42.594	ng		100
26) 2-Nitrophenol	7.710	139	322054	44.151	ng		97
27) 2,4-Dimethylphenol	7.751	122	489755	49.777	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	687291	41.650	ng		100
29) 2,4-Dichlorophenol	7.951	162	489179	41.862	ng		99
30) 1,2,4-Trichlorobenzene	8.033	180	527608	39.501	ng		99
31) Naphthalene	8.116	128	1722754	40.054	ng		100
32) Benzoic acid	7.869	122	377779	40.026	ng		98
33) 4-Chloroaniline	8.163	127	79155	5.321	ng		99
34) Hexachlorobutadiene	8.233	225	327184	40.652	ng		100
35) Caprolactam	8.539	113	153098m	40.018	ng		
36) 4-Chloro-3-methylphenol	8.651	107	522050	40.849	ng		99
37) 2-Methylnaphthalene	8.804	142	1114222	40.653	ng		100
38) 1-Methylnaphthalene	8.904	142	1014836	37.570	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	509787	44.405	ng		98
41) Hexachlorocyclopentadiene	8.957	237	326315	86.878	ng		99
43) 2,4,6-Trichlorophenol	9.086	196	339397	43.834	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	344170	42.088	ng	99
46) 1,1'-Biphenyl	9.269	154	1343133	43.239	ng	99
47) 2-Chloronaphthalene	9.292	162	993818	41.077	ng	99
48) 2-Nitroaniline	9.392	65	299708	41.789	ng	98
49) Acenaphthylene	9.710	152	1501704	43.444	ng	99
50) Dimethylphthalate	9.575	163	1194201	44.472	ng	100
51) 2,6-Dinitrotoluene	9.633	165	254198	40.707	ng	97
52) Acenaphthene	9.880	154	1059901	43.889	ng	99
53) 3-Nitroaniline	9.798	138	142946	22.526	ng	99
54) 2,4-Dinitrophenol	9.904	184	190191	64.078	ng	95
55) Dibenzofuran	10.057	168	1347796	41.031	ng	100
56) 4-Nitrophenol	9.963	139	355604	71.554	ng	98
57) 2,4-Dinitrotoluene	10.033	165	325472	40.444	ng	97
58) Fluorene	10.398	166	998649	39.132	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	268317	39.475	ng	99
60) Diethylphthalate	10.275	149	1111436	42.397	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	501459	40.316	ng	99
62) 4-Nitroaniline	10.410	138	204592	32.941	ng	97
63) Azobenzene	10.551	77	1086151	41.990	ng	96
65) 4,6-Dinitro-2-methylph...	10.439	198	134695	42.968	ng	99
66) n-Nitrosodiphenylamine	10.510	169	873889	50.083	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	305659	49.077	ng	98
68) Hexachlorobenzene	10.945	284	320510	46.229	ng	97
69) Atrazine	11.033	200	279086	59.403	ng	99
70) Pentachlorophenol	11.139	266	359785	81.033	ng	99
71) Phenanthrene	11.357	178	1448535	49.876	ng	100
72) Anthracene	11.410	178	1311476	46.441	ng	100
73) Carbazole	11.563	167	1086397	41.955	ng	100
74) Di-n-butylphthalate	11.898	149	1405927	47.444	ng	100
75) Fluoranthene	12.545	202	1371718	47.330	ng	99
77) Benzidine	12.668	184	300734	41.091	ng	100
78) Pyrene	12.774	202	1374473	36.463	ng	99
80) Butylbenzylphthalate	13.398	149	506409	40.294	ng	97
81) Benzo(a)anthracene	13.963	228	1172181	43.642	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	217060	25.380	ng	99
83) Chrysene	13.998	228	1120867	44.600	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	659764	43.752	ng	100
85) Di-n-octyl phthalate	14.574	149	1164172	51.125	ng	98
87) Indeno(1,2,3-cd)pyrene	16.868	276	785399	32.729	ng	98
88) Benzo(b)fluoranthene	15.004	252	1105480	52.339	ng	99
89) Benzo(k)fluoranthene	15.033	252	817819	45.817	ng	100
90) Benzo(a)pyrene	15.368	252	847856	48.654	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	627479	32.329	ng	99
92) Benzo(g,h,i)perylene	17.303	276	578450	28.653	ng	99

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

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