Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138802.D
Acq On : 06 Aug 2024 00:12
Operator : RC/JU
Sample : P3362-04MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978MSD

Quant Time: Aug 06 00:59:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	37996	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	135117	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	60362	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	97046	20.000	ng		0.00
76) Chrysene-d12	14.016	240	54981	20.000	ng		0.01
86) Perylene-d12	15.480	264	47996	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	298119	121.116	ng		0.02
7) Phenol-d6	6.493	99	377557	114.247	ng		0.00
23) Nitrobenzene-d5	7.416	82	232174	84.011	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	60883	123.134	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	384595	95.731	ng		0.00
79) Terphenyl-d14	12.951	244	340728	103.758	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	42966	39.871	ng		94
3) Pyridine	3.446	79	107891	41.330	ng		93
4) n-Nitrosodimethylamine	3.405	42	82569	53.107	ng		92
6) Aniline	6.510	93	50179	17.026	ng	#	1
8) 2-Chlorophenol	6.640	128	126319	48.777	ng		95
9) Benzaldehyde	6.399	77	7519	3.796	ng		98
10) Phenol	6.510	94	159193	45.752	ng		100
11) bis(2-Chloroethyl)ether	6.581	93	123724	46.207	ng		98
12) 1,3-Dichlorobenzene	6.787	146	137408	47.401	ng		99
13) 1,4-Dichlorobenzene	6.863	146	138897	47.478	ng		99
14) 1,2-Dichlorobenzene	7.016	146	131454	48.080	ng		100
15) Benzyl Alcohol	6.993	79	114020	47.870	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	192809	41.842	ng		53
17) 2-Methylphenol	7.110	107	97263	45.483	ng	#	88
18) Hexachloroethane	7.351	117	45562	41.374	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	96707	48.451	ng		97
20) 3+4-Methylphenols	7.263	107	129894	47.343	ng		91
22) Acetophenone	7.257	105	167202	50.540	ng		96
24) Nitrobenzene	7.434	77	136604	48.576	ng		98
25) Isophorone	7.669	82	237426	50.313	ng		98
26) 2-Nitrophenol	7.745	139	59578	49.243	ng		99
27) 2,4-Dimethylphenol	7.787	122	78664	54.341	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	143914	50.079	ng		99
29) 2,4-Dichlorophenol	7.998	162	91648	49.269	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	106611	49.664	ng		98
31) Naphthalene	8.151	128	339910	47.793	ng		100
32) Benzoic acid	7.922	122	42488	37.338	ng		95
33) 4-Chloroaniline	8.204	127	28953	12.128	ng		98
34) Hexachlorobutadiene	8.263	225	66799	51.375	ng		99
35) Caprolactam	8.575	113	24684	44.472	ng		95
36) 4-Chloro-3-methylphenol	8.698	107	97902	46.053	ng		99
37) 2-Methylnaphthalene	8.840	142	208589	46.439	ng		99
38) 1-Methylnaphthalene	8.940	142	190635	43.312	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	86989	51.878	ng		98
41) Hexachlorocyclopentadiene	8.987	237	11529	30.681	ng		98
43) 2,4,6-Trichlorophenol	9.128	196	56352	55.120	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	57647	51.579	ng		99
46) 1,1'-Biphenyl	9.304	154	237064	50.146	ng		98
47) 2-Chloronaphthalene	9.328	162	179546	51.066	ng		99
48) 2-Nitroaniline	9.434	65	63114	52.950	ng		99
49) Acenaphthylene	9.745	152	273353	54.817	ng		99
50) Dimethylphthalate	9.604	163	219686	56.919	ng		100
51) 2,6-Dinitrotoluene	9.675	165	41884	48.085	ng		98
52) Acenaphthene	9.916	154	168709	50.329	ng		99
53) 3-Nitroaniline	9.839	138	31684	35.186	ng		99
54) 2,4-Dinitrophenol	9.957	184	11226	27.997	ng	#	86
55) Dibenzofuran	10.086	168	244860	51.747	ng		99
56) 4-Nitrophenol	10.022	139	49617	91.630	ng		92
57) 2,4-Dinitrotoluene	10.081	165	53939	48.536	ng		91
58) Fluorene	10.434	166	196292	52.092	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	42509	49.749	ng		99
60) Diethylphthalate	10.304	149	205897	56.262	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	94823	51.165	ng		97
62) 4-Nitroaniline	10.457	138	39949	46.684	ng		92
63) Azobenzene	10.581	77	194863	48.009	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	10713	18.094	ng		97
66) n-Nitrosodiphenylamine	10.539	169	160154	52.796	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	51625	49.134	ng		98
68) Hexachlorobenzene	10.981	284	54213	49.972	ng		95
69) Atrazine	11.069	200	48417	61.864	ng		97
70) Pentachlorophenol	11.181	266	51036	104.370	ng		99
71) Phenanthrene	11.392	178	339053	67.850	ng		100
72) Anthracene	11.445	178	286018	58.100	ng		100
73) Carbazole	11.604	167	240988	56.741	ng		99
74) Di-n-butylphthalate	11.928	149	303473	63.561	ng		100
75) Fluoranthene	12.586	202	492305	105.530	ng		99
77) Benzidine	12.710	184	23548	17.907	ng		98
78) Pyrene	12.816	202	461106	89.074	ng		99
80) Butylbenzylphthalate	13.427	149	111648	67.351	ng		95
81) Benzo(a)anthracene	14.004	228	259906	68.647	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	42069	43.420	ng		99
83) Chrysene	14.039	228	221763	64.923	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	159647	65.768	ng		99
85) Di-n-octyl phthalate	14.592	149	230114	51.237	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	149758	43.540	ng		96
88) Benzo(b)fluoranthene	15.051	252	222581	74.810	ng		99
89) Benzo(k)fluoranthene	15.080	252	153068	59.420	ng		99
90) Benzo(a)pyrene	15.421	252	162867	65.078	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	116496	41.260	ng		97
92) Benzo(g,h,i)perylene	17.404	276	107767	36.782	ng		96

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

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