Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138322.D
Acq On : 24 Jun 2024 21:10
Operator : CG\JU
Sample : P3009-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

Quant Time: Jun 25 01:19:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	211649	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	737398	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	339112	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	620496	20.000	ng		0.00
76) Chrysene-d12	14.051	240	424572	20.000	ng		0.00
86) Perylene-d12	15.527	264	362772	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1115363	88.156	ng		0.00
7) Phenol-d6	6.522	99	1324291	82.544	ng		0.00
23) Nitrobenzene-d5	7.451	82	787612	62.181	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	341029	101.018	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1540814	72.251	ng		0.00
79) Terphenyl-d14	12.992	244	1729750	64.527	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	240004	41.451	ng		97
3) Pyridine	3.498	79	608182	44.196	ng		96
4) n-Nitrosodimethylamine	3.457	42	297026	46.638	ng		93
6) Aniline	6.551	93	329942	21.018	ng		97
8) 2-Chlorophenol	6.675	128	666409	48.719	ng		100
9) Benzaldehyde	6.439	77	136528	16.022	ng		94
10) Phenol	6.534	94	772199	47.429	ng		97
11) bis(2-Chloroethyl)ether	6.622	93	625448	47.998	ng		99
12) 1,3-Dichlorobenzene	6.828	146	705387	45.376	ng		98
13) 1,4-Dichlorobenzene	6.904	146	719297	45.979	ng		100
14) 1,2-Dichlorobenzene	7.057	146	675048	45.965	ng		99
15) Benzyl Alcohol	7.028	79	523031	48.350	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	787270	42.809	ng		95
17) 2-Methylphenol	7.139	107	496389	45.996	ng		98
18) Hexachloroethane	7.398	117	224225	42.307	ng		94
19) n-Nitroso-di-n-propyla...	7.304	70	422165	44.392	ng		95
20) 3+4-Methylphenols	7.292	107	586896	43.206	ng		92
22) Acetophenone	7.298	105	749746	44.508	ng	#	95
24) Nitrobenzene	7.469	77	618233	47.224	ng		96
25) Isophorone	7.710	82	1100356	48.027	ng		99
26) 2-Nitrophenol	7.786	139	326563	62.035	ng		99
27) 2,4-Dimethylphenol	7.822	122	419528	52.383	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	717854	50.053	ng		99
29) 2,4-Dichlorophenol	8.028	162	481447	46.692	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	565302	46.488	ng		98
31) Naphthalene	8.192	128	1689578	46.337	ng		99
32) Benzoic acid	7.933	122	264493	37.471	ng		99
33) 4-Chloroaniline	8.239	127	168675	12.377	ng		96
34) Hexachlorobutadiene	8.304	225	340143	47.828	ng		98
35) Caprolactam	8.604	113	134087	43.075	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	456768	44.492	ng		97
37) 2-Methylnaphthalene	8.880	142	1078783	45.080	ng		99
38) 1-Methylnaphthalene	8.980	142	1042168	44.441	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	503024	50.762	ng		99
41) Hexachlorocyclopentadiene	9.033	237	119257	36.908	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	346545	55.851	ng		98

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	359189	52.714	ng		97
46) 1,1'-Biphenyl	9.345	154	1269564	51.020	ng		98
47) 2-Chloronaphthalene	9.375	162	963640	49.001	ng		96
48) 2-Nitroaniline	9.469	65	267352	56.451	ng		87
49) Acenaphthylene	9.786	152	1514471	54.920	ng		99
50) Dimethylphthalate	9.645	163	1213781	58.418	ng		100
51) 2,6-Dinitrotoluene	9.710	165	254888	56.547	ng	#	81
52) Acenaphthene	9.957	154	853828	45.406	ng		99
53) 3-Nitroaniline	9.875	138	190210	39.501	ng		96
54) 2,4-Dinitrophenol	9.980	184	47763	29.284	ng	#	91
55) Dibenzofuran	10.133	168	1316534	50.083	ng		96
56) 4-Nitrophenol	10.039	139	378361	99.429	ng		91
57) 2,4-Dinitrotoluene	10.110	165	319178	57.411	ng		94
58) Fluorene	10.475	166	951657	46.045	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	275684	51.769	ng		99
60) Diethylphthalate	10.345	149	1088186	55.182	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	493583	47.951	ng		99
62) 4-Nitroaniline	10.486	138	212534	44.175	ng		97
63) Azobenzene	10.627	77	970642	49.131	ng		92
65) 4,6-Dinitro-2-methylph...	10.516	198	47600	19.814	ng		84
66) n-Nitrosodiphenylamine	10.580	169	900238	47.389	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	309046	44.201	ng		96
68) Hexachlorobenzene	11.022	284	347982	42.647	ng		96
69) Atrazine	11.110	200	263341	48.669	ng		98
70) Pentachlorophenol	11.216	266	416329	87.488	ng		98
71) Phenanthrene	11.439	178	1553086	50.613	ng		99
72) Anthracene	11.486	178	1560512	51.220	ng		99
73) Carbazole	11.645	167	1431354	51.223	ng		98
74) Di-n-butylphthalate	11.969	149	1644839	56.859	ng		99
75) Fluoranthene	12.627	202	1928623	61.635	ng		99
77) Benzidine	12.745	184	721286	146.874	ng		98
78) Pyrene	12.857	202	1842962	50.324	ng		99
80) Butylbenzylphthalate	13.468	149	778741	78.175	ng		95
81) Benzo(a)anthracene	14.045	228	1425508	52.334	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	416857	55.574	ng		99
83) Chrysene	14.080	228	1442657	55.566	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1030593	88.953	ng		99
85) Di-n-octyl phthalate	14.645	149	1758756	102.183	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	1138041	48.122	ng		100
88) Benzo(b)fluoranthene	15.098	252	1257693	58.790	ng		99
89) Benzo(k)fluoranthene	15.127	252	1140574	54.401	ng		100
90) Benzo(a)pyrene	15.468	252	1061525	57.758	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	908129	46.783	ng		98
92) Benzo(g,h,i)perylene	17.468	276	925583	46.092	ng		100

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

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