Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
Data File : BF138839.D
Acq On : 07 Aug 2024 13:35
Operator : RC/JU
Sample : P3440-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Quant Time: Aug 07 14:07:15 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	6.839	152	41583	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	164057	20.000	ng	#	0.00
39) Acenaphthene-d10	9.875	164	83168	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	133927	20.000	ng		0.00
76) Chrysene-d12	14.004	240	71097	20.000	ng	#	0.00
86) Perylene-d12	15.462	264	81109	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	179669	66.697	ng		0.00
7) Phenol-d6	6.481	99	145536	40.240	ng		0.00
23) Nitrobenzene-d5	7.410	82	330272	98.426	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	108297	158.966	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	586096	105.883	ng		0.00
79) Terphenyl-d14	12.945	244	478797	112.752	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.651	88	21424	18.166	ng		96
3) Pyridine	3.410	79	50841	17.796	ng		95
4) n-Nitrosodimethylamine	3.357	42	41264	24.251	ng		91
6) Aniline	6.504	93	105782	32.796	ng		99
8) 2-Chlorophenol	6.634	128	120158	42.396	ng		95
9) Benzaldehyde	6.398	77	6588	3.039	ng		94
10) Phenol	6.498	94	63769	16.746	ng	#	48
11) bis(2-Chloroethyl)ether	6.575	93	136015	46.416	ng		99
12) 1,3-Dichlorobenzene	6.781	146	127162	40.082	ng		99
13) 1,4-Dichlorobenzene	6.857	146	127547	39.838	ng		99
14) 1,2-Dichlorobenzene	7.010	146	121572	40.630	ng		98
15) Benzyl Alcohol	6.986	79	95542	36.652	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	222124	44.046	ng		70
17) 2-Methylphenol	7.104	107	81343	34.757	ng	#	85
18) Hexachloroethane	7.345	117	46085	38.239	ng		99
19) n-Nitroso-di-n-propyla...	7.257	70	113449	51.935	ng		98
20) 3+4-Methylphenols	7.257	107	96161	32.025	ng	#	85
22) Acetophenone	7.251	105	200572	49.932	ng	#	95
24) Nitrobenzene	7.428	77	167201	48.968	ng		99
25) Isophorone	7.663	82	299059	52.194	ng		99
26) 2-Nitrophenol	7.745	139	75969	51.714	ng		98
27) 2,4-Dimethylphenol	7.781	122	88642	50.432	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	176352	50.542	ng		99
29) 2,4-Dichlorophenol	7.986	162	114115	50.526	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	120501	46.232	ng		99
31) Naphthalene	8.145	128	415362	48.100	ng		99
32) Benzoic acid	7.898	122	14814	10.722	ng		87
33) 4-Chloroaniline	8.198	127	95409	32.914	ng		98
34) Hexachlorobutadiene	8.257	225	69903	44.279	ng		96
35) Caprolactam	8.580	113	6252	9.277	ng	#	86
36) 4-Chloro-3-methylphenol	8.680	107	122117	47.310	ng		98
37) 2-Methylnaphthalene	8.833	142	277705	50.920	ng		100
38) 1-Methylnaphthalene	8.933	142	257582	48.199	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	118962	51.492	ng		99
41) Hexachlorocyclopentadiene	8.980	237	76148	120.649	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	77726	55.179	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	81323	52.810	ng		99
46) 1,1'-Biphenyl	9.298	154	333978	51.274	ng		99
47) 2-Chloronaphthalene	9.327	162	260047	53.680	ng		99
48) 2-Nitroaniline	9.427	65	91938	55.981	ng		99
49) Acenaphthylene	9.739	152	413163	60.134	ng		100
50) Dimethylphthalate	9.604	163	313585	58.968	ng		100
51) 2,6-Dinitrotoluene	9.669	165	67384	56.147	ng		91
52) Acenaphthene	9.910	154	251158	54.379	ng		100
53) 3-Nitroaniline	9.839	138	42552	34.297	ng		98
54) 2,4-Dinitrophenol	9.957	184	55578	100.600	ng		92
55) Dibenzofuran	10.086	168	374566	57.451	ng		99
56) 4-Nitrophenol	10.022	139	17830	23.898	ng	#	82
57) 2,4-Dinitrotoluene	10.075	165	89249	58.287	ng	#	90
58) Fluorene	10.427	166	294609	56.744	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	63893	54.271	ng		97
60) Diethylphthalate	10.298	149	303474	60.186	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	146272	57.284	ng		97
62) 4-Nitroaniline	10.457	138	56412	47.846	ng		89
63) Azobenzene	10.574	77	311041	55.619	ng		98
65) 4,6-Dinitro-2-methylph...	10.486	198	45598	55.807	ng		99
66) n-Nitrosodiphenylamine	10.539	169	245705	58.693	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	81341	56.097	ng		97
68) Hexachlorobenzene	10.974	284	84189	56.233	ng		97
69) Atrazine	11.063	200	68467	63.392	ng		98
70) Pentachlorophenol	11.174	266	58805	87.141	ng		99
71) Phenanthrene	11.392	178	393591	57.074	ng		99
72) Anthracene	11.439	178	400214	58.910	ng		100
73) Carbazole	11.598	167	314185	53.604	ng		99
74) Di-n-butylphthalate	11.916	149	407424	61.834	ng		99
75) Fluoranthene	12.574	202	335130	52.055	ng		99
77) Benzidine	12.698	184	23256	13.676	ng		99
78) Pyrene	12.804	202	331815	49.569	ng		100
80) Butylbenzylphthalate	13.415	149	129121	60.235	ng		96
81) Benzo(a)anthracene	13.992	228	267693	54.677	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	57431	45.839	ng		99
83) Chrysene	14.027	228	245446	55.568	ng		98
84) Bis(2-ethylhexyl)phtha...	13.968	149	176230	56.143	ng		98
85) Di-n-octyl phthalate	14.580	149	302129	52.023	ng		98
87) Indeno(1,2,3-cd)pyrene	16.945	276	286143	49.228	ng		96
88) Benzo(b)fluoranthene	15.039	252	259400	51.591	ng		98
89) Benzo(k)fluoranthene	15.068	252	263997	60.643	ng		99
90) Benzo(a)pyrene	15.404	252	248185	58.683	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	228803	47.953	ng		98
92) Benzo(g,h,i)perylene	17.380	276	210118	42.437	ng		96

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

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