Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138801.D
Acq On : 05 Aug 2024 23:40
Operator : RC/JU
Sample : P3362-04MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978MS

Quant Time: Aug 06 00:58:37 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	6.845	152	39843	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	142225	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	60768	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	98530	20.000	ng		0.00
76) Chrysene-d12	14.010	240	54741	20.000	ng		0.00
86) Perylene-d12	15.480	264	47689	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	292774	113.431	ng		0.02
7) Phenol-d6	6.492	99	369054	106.498	ng		0.00
23) Nitrobenzene-d5	7.416	82	228163	78.433	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	57860	116.238	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	363672	89.918	ng		0.00
79) Terphenyl-d14	12.951	244	332236	101.615	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	42557	37.661	ng		97
3) Pyridine	3.446	79	108067	39.478	ng		93
4) n-Nitrosodimethylamine	3.404	42	81287	49.859	ng		92
6) Aniline	6.510	93	48207	15.599	ng	#	1
8) 2-Chlorophenol	6.639	128	123543	45.494	ng		94
9) Benzaldehyde	6.398	77	7776	3.743	ng		97
10) Phenol	6.510	94	155851	42.715	ng		99
11) bis(2-Chloroethyl)ether	6.581	93	121895	43.414	ng		99
12) 1,3-Dichlorobenzene	6.787	146	133279	43.845	ng		98
13) 1,4-Dichlorobenzene	6.863	146	140005	45.639	ng		99
14) 1,2-Dichlorobenzene	7.016	146	127338	44.416	ng		99
15) Benzyl Alcohol	6.992	79	111203	44.523	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	187702	38.845	ng		54
17) 2-Methylphenol	7.110	107	96410	42.994	ng	#	88
18) Hexachloroethane	7.351	117	45303	39.232	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	93575	44.708	ng		98
20) 3+4-Methylphenols	7.263	107	125961	43.781	ng		93
22) Acetophenone	7.257	105	165670	47.574	ng		96
24) Nitrobenzene	7.434	77	131821	44.532	ng		98
25) Isophorone	7.669	82	230066	46.317	ng		99
26) 2-Nitrophenol	7.745	139	56298	44.206	ng		94
27) 2,4-Dimethylphenol	7.786	122	76554	50.241	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	140488	46.444	ng		99
29) 2,4-Dichlorophenol	7.998	162	88103	44.996	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	102941	45.558	ng		99
31) Naphthalene	8.151	128	331401	44.268	ng		99
32) Benzoic acid	7.922	122	40186	33.550	ng		95
33) 4-Chloroaniline	8.210	127	29362	11.684	ng		99
34) Hexachlorobutadiene	8.263	225	65278	47.696	ng		99
35) Caprolactam	8.575	113	23375	40.009	ng		93
36) 4-Chloro-3-methylphenol	8.698	107	90663	40.516	ng		98
37) 2-Methylnaphthalene	8.839	142	198230	41.927	ng		97
38) 1-Methylnaphthalene	8.939	142	179081	38.653	ng		97
40) 1,2,4,5-Tetrachloroben...	9.004	216	84406	50.002	ng		99
41) Hexachlorocyclopentadiene	8.986	237	9729	26.844	ng		97
43) 2,4,6-Trichlorophenol	9.128	196	52298	50.813	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	53252	47.328	ng		98
46) 1,1'-Biphenyl	9.304	154	223272	46.913	ng		99
47) 2-Chloronaphthalene	9.328	162	171078	48.332	ng		99
48) 2-Nitroaniline	9.433	65	58386	48.656	ng		98
49) Acenaphthylene	9.745	152	256281	51.050	ng		99
50) Dimethylphthalate	9.604	163	206803	53.223	ng		100
51) 2,6-Dinitrotoluene	9.675	165	39932	45.537	ng		98
52) Acenaphthene	9.916	154	159031	47.125	ng		99
53) 3-Nitroaniline	9.839	138	29736	32.802	ng		94
54) 2,4-Dinitrophenol	9.957	184	8333	20.643	ng		88
55) Dibenzofuran	10.086	168	231063	48.505	ng		99
56) 4-Nitrophenol	10.022	139	46819	85.885	ng		95
57) 2,4-Dinitrotoluene	10.080	165	50418	45.065	ng	#	90
58) Fluorene	10.433	166	182701	48.161	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	40628	47.230	ng		95
60) Diethylphthalate	10.304	149	192738	52.315	ng		98
61) 4-Chlorophenyl-phenyle...	10.422	204	88503	47.436	ng		98
62) 4-Nitroaniline	10.457	138	37938	44.038	ng		93
63) Azobenzene	10.580	77	183558	44.922	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	7871	13.094	ng		95
66) n-Nitrosodiphenylamine	10.539	169	147395	47.858	ng		100
67) 4-Bromophenyl-phenylether	10.910	248	49830	46.711	ng		98
68) Hexachlorobenzene	10.980	284	50101	45.486	ng		98
69) Atrazine	11.069	200	44163	55.579	ng		99
70) Pentachlorophenol	11.180	266	47265	95.202	ng		97
71) Phenanthrene	11.392	178	318859	62.848	ng		100
72) Anthracene	11.445	178	272595	54.540	ng		99
73) Carbazole	11.604	167	230336	53.416	ng		99
74) Di-n-butylphthalate	11.927	149	285336	58.862	ng		99
75) Fluoranthene	12.586	202	470958	99.433	ng		98
77) Benzidine	12.710	184	18132	13.849	ng	#	94
78) Pyrene	12.816	202	445405	86.419	ng		99
80) Butylbenzylphthalate	13.427	149	108191	65.552	ng		95
81) Benzo(a)anthracene	14.004	228	254356	67.476	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	39370	40.813	ng		98
83) Chrysene	14.039	228	218707	64.309	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	157516	65.175	ng		98
85) Di-n-octyl phthalate	14.592	149	227679	50.917	ng		97
87) Indeno(1,2,3-cd)pyrene	16.956	276	149820	43.838	ng		94
88) Benzo(b)fluoranthene	15.051	252	215283	72.823	ng		99
89) Benzo(k)fluoranthene	15.080	252	147730	57.717	ng		99
90) Benzo(a)pyrene	15.421	252	155395	62.492	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	111805	39.854	ng		99
92) Benzo(g,h,i)perylene	17.403	276	109159	37.497	ng		96

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

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