Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139005.D
Acq On : 14 Aug 2024 20:47
Operator : RC/JU
Sample : P3466-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MSD

Quant Time: Aug 15 01:13:26 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	6.834	152	35424	20.000	ng		-0.01
21) Naphthalene-d8	8.116	136	122342	20.000	ng		-0.01
39) Acenaphthene-d10	9.869	164	56215	20.000	ng		-0.01
64) Phenanthrene-d10	11.357	188	107145	20.000	ng		-0.01
76) Chrysene-d12	13.998	240	69421	20.000	ng		0.00
86) Perylene-d12	15.462	264	51366	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	172246	75.059	ng		0.00
7) Phenol-d6	6.486	99	133158	43.219	ng		0.00
23) Nitrobenzene-d5	7.404	82	259995	103.901	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	71643	155.585	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	374387	100.065	ng		-0.02
79) Terphenyl-d14	12.939	244	467448	112.737	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	23005	22.898	ng	#	93
3) Pyridine	3.387	79	37615	15.455	ng		91
4) n-Nitrosodimethylamine	3.328	42	48359	33.362	ng		83
6) Aniline	6.504	93	63933	23.268	ng	#	77
8) 2-Chlorophenol	6.634	128	104148	43.136	ng		97
9) Benzaldehyde	6.398	77	5341	2.892	ng		99
10) Phenol	6.498	94	55375	17.070	ng	#	56
11) bis(2-Chloroethyl)ether	6.575	93	125998	50.473	ng		98
12) 1,3-Dichlorobenzene	6.775	146	114635	42.416	ng		97
13) 1,4-Dichlorobenzene	6.851	146	116971	42.886	ng		98
14) 1,2-Dichlorobenzene	7.004	146	110492	43.347	ng		99
15) Benzyl Alcohol	6.986	79	84537	38.069	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	205652	47.870	ng		77
17) 2-Methylphenol	7.110	107	68440	34.328	ng	#	79
18) Hexachloroethane	7.345	117	40549	39.496	ng		94
19) n-Nitroso-di-n-propyla...	7.251	70	93422	50.203	ng		94
20) 3+4-Methylphenols	7.263	107	79648	31.137	ng	#	70
22) Acetophenone	7.251	105	163123	54.455	ng		94
24) Nitrobenzene	7.428	77	135036	53.032	ng		99
25) Isophorone	7.663	82	231397	54.155	ng		98
26) 2-Nitrophenol	7.739	139	55760	50.899	ng		89
27) 2,4-Dimethylphenol	7.781	122	67303	51.348	ng		96
28) bis(2-Chloroethoxy)met...	7.869	93	135972	52.256	ng		98
29) 2,4-Dichlorophenol	7.998	162	81596	48.446	ng		99
30) 1,2,4-Trichlorobenzene	8.057	180	92571	47.627	ng		98
31) Naphthalene	8.139	128	307717	47.784	ng		100
32) Benzoic acid	7.898	122	10938	10.616	ng		95
33) 4-Chloroaniline	8.198	127	59573	27.559	ng		96
34) Hexachlorobutadiene	8.251	225	57436	48.787	ng		98
35) Caprolactam	8.563	113	4822	9.595	ng		98
36) 4-Chloro-3-methylphenol	8.680	107	82087	42.646	ng		100
37) 2-Methylnaphthalene	8.828	142	190117	46.746	ng		99
38) 1-Methylnaphthalene	8.928	142	174825	43.867	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	79872	51.148	ng		98
41) Hexachlorocyclopentadiene	8.975	237	9541	28.039	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	51479	54.068	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	55295	53.124	ng		98
46) 1,1'-Biphenyl	9.292	154	219875	49.941	ng		99
47) 2-Chloronaphthalene	9.316	162	169911	51.891	ng		97
48) 2-Nitroaniline	9.422	65	66537	59.940	ng		93
49) Acenaphthylene	9.733	152	264075	56.863	ng		100
50) Dimethylphthalate	9.592	163	206813	57.537	ng		99
51) 2,6-Dinitrotoluene	9.663	165	43358	53.449	ng	#	88
52) Acenaphthene	9.904	154	163965	52.522	ng		98
53) 3-Nitroaniline	9.833	138	36083	43.028	ng		93
54) 2,4-Dinitrophenol	9.951	184	23610	63.226	ng	#	82
55) Dibenzofuran	10.074	168	241498	54.801	ng		97
56) 4-Nitrophenol	10.022	139	18170	36.031	ng		84
57) 2,4-Dinitrotoluene	10.069	165	61336	59.264	ng	#	79
58) Fluorene	10.416	166	199064	56.725	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	44596	56.042	ng		96
60) Diethylphthalate	10.286	149	200243	58.754	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	94653	54.841	ng		95
62) 4-Nitroaniline	10.451	138	47561	59.680	ng		86
63) Azobenzene	10.569	77	214205	56.668	ng		96
65) 4,6-Dinitro-2-methylph...	10.480	198	21054	32.209	ng		88
66) n-Nitrosodiphenylamine	10.527	169	160865	48.032	ng		98
67) 4-Bromophenyl-phenylether	10.898	248	55284	47.657	ng		97
68) Hexachlorobenzene	10.969	284	58620	48.941	ng		99
69) Atrazine	11.057	200	48988	56.694	ng		98
70) Pentachlorophenol	11.169	266	50020	92.650	ng		99
71) Phenanthrene	11.380	178	305574	55.387	ng		100
72) Anthracene	11.433	178	304936	56.105	ng		99
73) Carbazole	11.592	167	287592	61.332	ng		98
74) Di-n-butylphthalate	11.910	149	333398	63.247	ng		99
75) Fluoranthene	12.568	202	339497	65.915	ng		99
77) Benzidine	12.704	184	4484	2.701	ng		97
78) Pyrene	12.804	202	346232	52.971	ng		99
80) Butylbenzylphthalate	13.410	149	145402	69.468	ng		98
81) Benzo(a)anthracene	13.992	228	259253	54.232	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	65454	53.504	ng		99
83) Chrysene	14.027	228	229659	53.249	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	183851	59.985	ng		98
85) Di-n-octyl phthalate	14.574	149	265356	46.794	ng		100
87) Indeno(1,2,3-cd)pyrene	16.939	276	172061	46.742	ng		95
88) Benzo(b)fluoranthene	15.039	252	181039	56.856	ng		98
89) Benzo(k)fluoranthene	15.068	252	175013	63.481	ng		98
90) Benzo(a)pyrene	15.404	252	156468	58.419	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	143340	47.437	ng		98
92) Benzo(g,h,i)perylene	17.380	276	128350	40.933	ng		95

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

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