Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133771.D
Acq On : 15 Jun 2023 12:59
Operator : CG\JU
Sample : 03167-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-GAMS

Quant Time: Jun 15 13:40:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 16:27:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	102720	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	387120	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	180942	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	325306	20.000	ng		0.00
76) Chrysene-d12	13.998	240	194229	20.000	ng		-0.01
86) Perylene-d12	15.457	264	247199	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	473089	80.179	ng		0.00
7) Phenol-d6	6.457	99	570192	74.241	ng		-0.01
23) Nitrobenzene-d5	7.392	82	377546	53.120	ng		-0.01
42) 2,4,6-Tribromophenol	10.657	330	160472	70.063	ng		-0.01
45) 2-Fluorobiphenyl	9.186	172	682516	53.620	ng		0.00
79) Terphenyl-d14	12.939	244	570697	45.465	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	97085	37.426	ng		98
3) Pyridine	3.340	79	231298	30.592	ng		97
4) n-Nitrosodimethylamine	3.293	42	167354	40.043	ng	#	96
6) Aniline	6.492	93	321872	33.274	ng		98
8) 2-Chlorophenol	6.610	128	264246	42.496	ng		100
9) Benzaldehyde	6.381	77	147426	28.932	ng		100
10) Phenol	6.475	94	329327	41.064	ng		97
11) bis(2-Chloroethyl)ether	6.569	93	250021	41.993	ng		99
12) 1,3-Dichlorobenzene	6.769	146	295686	44.506	ng		98
13) 1,4-Dichlorobenzene	6.845	146	300823	44.799	ng		98
14) 1,2-Dichlorobenzene	6.998	146	282787	46.607	ng		98
15) Benzyl Alcohol	6.969	79	239465	39.920	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	449893	44.577	ng		100
17) 2-Methylphenol	7.081	107	216695	39.317	ng		99
18) Hexachloroethane	7.339	117	110402	48.026	ng		94
19) n-Nitroso-di-n-propyla...	7.245	70	187879	38.448	ng		96
20) 3+4-Methylphenols	7.234	107	265134	36.980	ng		97
22) Acetophenone	7.239	105	363760	40.969	ng	#	96
24) Nitrobenzene	7.416	77	290828	40.637	ng		97
25) Isophorone	7.651	82	513702	39.369	ng		100
26) 2-Nitrophenol	7.728	139	145990	45.453	ng		99
27) 2,4-Dimethylphenol	7.763	122	226569	40.927	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	301950	40.038	ng		98
29) 2,4-Dichlorophenol	7.969	162	217175	40.027	ng		100
30) 1,2,4-Trichlorobenzene	8.051	180	232808	41.126	ng		97
31) Naphthalene	8.139	128	755000	40.031	ng		100
32) Benzoic acid	7.875	122	158961	45.529	ng		91
33) 4-Chloroaniline	8.181	127	187442	23.243	ng		99
34) Hexachlorobutadiene	8.251	225	147046	39.675	ng		98
35) Caprolactam	8.557	113	69610m	38.128	ng		
36) 4-Chloro-3-methylphenol	8.663	107	233027	37.260	ng		99
37) 2-Methylnaphthalene	8.828	142	501096	38.239	ng		100
38) 1-Methylnaphthalene	8.928	142	468230	38.829	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	239513	43.542	ng		98
41) Hexachlorocyclopentadiene	8.980	237	281861	114.983	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	148129	40.298	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	160079	37.433	ng		95
46) 1,1'-Biphenyl	9.292	154	620224	42.501	ng		99
47) 2-Chloronaphthalene	9.316	162	450423	43.029	ng		100
48) 2-Nitroaniline	9.410	65	152890	39.936	ng		95
49) Acenaphthylene	9.733	152	744390	40.857	ng		99
50) Dimethylphthalate	9.592	163	514862	38.121	ng		100
51) 2,6-Dinitrotoluene	9.657	165	113276	40.634	ng		98
52) Acenaphthene	9.904	154	440440	41.300	ng		99
53) 3-Nitroaniline	9.822	138	101061	29.790	ng		87
54) 2,4-Dinitrophenol	9.933	184	124735	90.738	ng		94
55) Dibenzofuran	10.075	168	660842	40.610	ng		98
56) 4-Nitrophenol	9.986	139	183124	79.982	ng		93
57) 2,4-Dinitrotoluene	10.057	165	145474	41.031	ng		99
58) Fluorene	10.422	166	500494	40.218	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	135167	42.217	ng		99
60) Diethylphthalate	10.292	149	511481	37.210	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	239606	39.002	ng		98
62) 4-Nitroaniline	10.439	138	120810	36.320	ng		98
63) Azobenzene	10.569	77	534473	41.073	ng		98
65) 4,6-Dinitro-2-methylph...	10.463	198	79148	50.916	ng	#	76
66) n-Nitrosodiphenylamine	10.527	169	440333	40.297	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	131851	36.314	ng		91
68) Hexachlorobenzene	10.963	284	150846	39.508	ng		99
69) Atrazine	11.057	200	122882	38.758	ng		98
70) Pentachlorophenol	11.157	266	163832	71.658	ng		97
71) Phenanthrene	11.380	178	696305	42.189	ng		99
72) Anthracene	11.433	178	697532	40.533	ng		99
73) Carbazole	11.586	167	631915	39.426	ng		99
74) Di-n-butylphthalate	11.916	149	732469	35.648	ng		99
75) Fluoranthene	12.569	202	680952	38.853	ng		98
77) Benzidine	12.692	184	175942	26.995	ng		99
78) Pyrene	12.798	202	615333	34.009	ng		100
80) Butylbenzylphthalate	13.421	149	254774	33.355	ng		96
81) Benzo(a)anthracene	13.992	228	548762	40.846	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	168786	37.789	ng	#	99
83) Chrysene	14.027	228	514887	40.520	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	326334	34.698	ng		99
85) Di-n-octyl phthalate	14.592	149	573837	42.936	ng		98
87) Indeno(1,2,3-cd)pyrene	16.921	276	828162	48.696	ng		99
88) Benzo(b)fluoranthene	15.033	252	642702	42.800	ng		98
89) Benzo(k)fluoranthene	15.062	252	566852	38.752	ng		99
90) Benzo(a)pyrene	15.398	252	571113	40.980	ng		98
91) Dibenzo(a,h)anthracene	16.939	278	653836	46.439	ng		98
92) Benzo(g,h,i)perylene	17.368	276	595751	42.677	ng		99

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

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