Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
Data File : BF133798.D
Acq On : 16 Jun 2023 03:42
Operator : CG\JU
Sample : 03221-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-4194MS

Quant Time: Jun 16 05:32:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 15:12:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	106471	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	413103	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	185750	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	237432	20.000	ng		0.00
76) Chrysene-d12	14.004	240	174639	20.000	ng		0.00
86) Perylene-d12	15.462	264	207086	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	429614	70.246	ng		0.00
7) Phenol-d6	6.463	99	522961	65.692	ng		0.00
23) Nitrobenzene-d5	7.392	82	346102	45.633	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	123185	52.391	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	651971	49.894	ng		0.00
79) Terphenyl-d14	12.939	244	417662	37.006	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	107403	39.945	ng		98
3) Pyridine	3.351	79	278505	35.537	ng		96
4) n-Nitrosodimethylamine	3.310	42	193049	44.564	ng		96
6) Aniline	6.492	93	412965	41.186	ng		99
8) 2-Chlorophenol	6.616	128	325360	50.481	ng		94
9) Benzaldehyde	6.381	77	183864	34.812	ng		96
10) Phenol	6.475	94	403269	48.513	ng		99
11) bis(2-Chloroethyl)ether	6.569	93	292767	47.441	ng		95
12) 1,3-Dichlorobenzene	6.769	146	344232	49.988	ng		97
13) 1,4-Dichlorobenzene	6.851	146	343416	49.341	ng		96
14) 1,2-Dichlorobenzene	6.998	146	333219	52.984	ng		99
15) Benzyl Alcohol	6.975	79	294697	47.397	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	541786	51.790	ng		98
17) 2-Methylphenol	7.087	107	257687	45.108	ng		98
18) Hexachloroethane	7.345	117	129682	54.425	ng		98
19) n-Nitroso-di-n-propyla...	7.245	70	221878	43.806	ng		97
20) 3+4-Methylphenols	7.239	107	309399	41.633	ng	#	87
22) Acetophenone	7.245	105	433169	45.718	ng	#	94
24) Nitrobenzene	7.416	77	350710	45.922	ng		100
25) Isophorone	7.657	82	621040	44.601	ng		98
26) 2-Nitrophenol	7.734	139	176513	51.500	ng		92
27) 2,4-Dimethylphenol	7.769	122	280406	47.466	ng		97
28) bis(2-Chloroethoxy)met...	7.863	93	343402	42.671	ng		99
29) 2,4-Dichlorophenol	7.975	162	263415	45.496	ng		99
30) 1,2,4-Trichlorobenzene	8.057	180	285337	47.235	ng		97
31) Naphthalene	8.139	128	901221	44.778	ng		100
32) Benzoic acid	7.875	122	152862m	41.028	ng		
33) 4-Chloroaniline	8.186	127	285261	33.148	ng		97
34) Hexachlorobutadiene	8.251	225	176014	44.504	ng		99
35) Caprolactam	8.563	113	78593m	40.340	ng		
36) 4-Chloro-3-methylphenol	8.663	107	275763	41.320	ng		99
37) 2-Methylnaphthalene	8.828	142	591821	42.321	ng		99
38) 1-Methylnaphthalene	8.928	142	544932	42.348	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	274035	48.528	ng		98
41) Hexachlorocyclopentadiene	8.980	237	281504	111.865	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	177169	46.951	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	169491	38.608	ng		99
46) 1,1'-Biphenyl	9.292	154	726755	48.512	ng		99
47) 2-Chloronaphthalene	9.316	162	522741	48.645	ng		99
48) 2-Nitroaniline	9.416	65	177245	45.099	ng		97
49) Acenaphthylene	9.733	152	793863	42.444	ng		100
50) Dimethylphthalate	9.592	163	558082	40.252	ng		99
51) 2,6-Dinitrotoluene	9.657	165	119892	41.894	ng	#	86
52) Acenaphthene	9.904	154	492293	44.967	ng		99
53) 3-Nitroaniline	9.828	138	126516	36.328	ng		97
54) 2,4-Dinitrophenol	9.933	184	103631	74.525	ng		99
55) Dibenzofuran	10.075	168	739374	44.260	ng		98
56) 4-Nitrophenol	9.986	139	176066	74.909	ng		87
57) 2,4-Dinitrotoluene	10.063	165	158798	43.630	ng		86
58) Fluorene	10.422	166	541758	42.407	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	135808	41.320	ng		99
60) Diethylphthalate	10.292	149	553413	39.219	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	264194	41.891	ng		100
62) 4-Nitroaniline	10.439	138	115653	33.870	ng		99
63) Azobenzene	10.575	77	563717	42.199	ng		95
65) 4,6-Dinitro-2-methylph...	10.469	198	69789	61.512	ng		99
66) n-Nitrosodiphenylamine	10.533	169	470855	59.039	ng		97
67) 4-Bromophenyl-phenylether	10.904	248	132432	49.973	ng		93
68) Hexachlorobenzene	10.969	284	139920	50.209	ng	#	90
69) Atrazine	11.057	200	112484	48.609	ng		99
70) Pentachlorophenol	11.163	266	135952	81.471	ng		97
71) Phenanthrene	11.380	178	598355	49.672	ng		100
72) Anthracene	11.433	178	576226	45.877	ng		99
73) Carbazole	11.586	167	510615	43.649	ng		99
74) Di-n-butylphthalate	11.916	149	594550	39.644	ng		99
75) Fluoranthene	12.574	202	668152	52.231	ng		99
77) Benzidine	12.698	184	311688	53.187	ng		98
78) Pyrene	12.804	202	694464	42.688	ng		99
80) Butylbenzylphthalate	13.421	149	241031	35.095	ng		99
81) Benzo(a)anthracene	13.992	228	635293	52.591	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	200523	49.930	ng		99
83) Chrysene	14.033	228	621236	54.373	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	338456	40.024	ng		98
85) Di-n-octyl phthalate	14.598	149	632992	52.675	ng	#	97
87) Indeno(1,2,3-cd)pyrene	16.927	276	591834	41.541	ng		100
88) Benzo(b)fluoranthene	15.045	252	755549	60.061	ng		98
89) Benzo(k)fluoranthene	15.074	252	589892	48.139	ng		97
90) Benzo(a)pyrene	15.409	252	599990	51.392	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	451326	38.265	ng		99
92) Benzo(g,h,i)perylene	17.374	276	461580	39.470	ng		99

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

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