Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128840.D
Acq On : 16 Jun 2022 15:33
Operator : CG\JU
Sample : N3305-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MS

Quant Time: Jun 17 02:20:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 14:53:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	79659	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	310857	20.000	ng	#	0.00
39) Acenaphthene-d10	9.827	164	174188	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	323277	20.000	ng	#	0.00
76) Chrysene-d12	13.963	240	194478	20.000	ng	#	0.00
86) Perylene-d12	15.415	264	172175	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	601109	120.196	ng		0.01
7) Phenol-d6	6.445	99	642310	105.216	ng		0.00
23) Nitrobenzene-d5	7.351	82	444625	66.594	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	199462	96.915	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	852800	68.581	ng		0.00
79) Terphenyl-d14	12.904	244	939846	83.974	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	95139	51.243	ng		97
3) Pyridine	3.298	79	257095	52.127	ng		92
4) n-Nitrosodimethylamine	3.263	42	182764	53.436	ng	#	82
6) Aniline	6.445	93	256627	38.978	ng	#	65
8) 2-Chlorophenol	6.581	128	265792	51.940	ng		97
9) Benzaldehyde	6.334	77	147964	39.785	ng		95
10) Phenol	6.457	94	330184	51.167	ng		86
11) bis(2-Chloroethyl)ether	6.522	93	235700	49.846	ng		95
12) 1,3-Dichlorobenzene	6.722	146	296938	50.193	ng		98
13) 1,4-Dichlorobenzene	6.798	146	302637	50.652	ng		98
14) 1,2-Dichlorobenzene	6.951	146	290597	51.994	ng		98
15) Benzyl Alcohol	6.934	79	242877	47.551	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.057	45	348152	44.687	ng	#	1
17) 2-Methylphenol	7.057	107	216550	53.542	ng	#	85
18) Hexachloroethane	7.292	117	113717	51.157	ng		98
19) n-Nitroso-di-n-propyla...	7.204	70	196812	51.852	ng		96
20) 3+4-Methylphenols	7.210	107	281498	52.134	ng	#	82
22) Acetophenone	7.198	105	394435	48.514	ng		99
24) Nitrobenzene	7.369	77	298769	48.741	ng		96
25) Isophorone	7.610	82	518013	51.084	ng		96
26) 2-Nitrophenol	7.686	139	140086	51.870	ng	#	86
27) 2,4-Dimethylphenol	7.733	122	241597	58.726	ng		95
28) bis(2-Chloroethoxy)met...	7.822	93	297673	46.436	ng		100
29) 2,4-Dichlorophenol	7.939	162	230181	48.343	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	254136	47.402	ng		100
31) Naphthalene	8.092	128	776346	48.663	ng		99
32) Benzoic acid	7.886	122	68766	23.560	ng		95
33) 4-Chloroaniline	8.139	127	118482m	19.698	ng		
34) Hexachlorobutadiene	8.204	225	176445	46.406	ng		96
35) Caprolactam	8.528	113	67219m	51.052	ng		
36) 4-Chloro-3-methylphenol	8.651	107	250966	48.296	ng		99
37) 2-Methylnaphthalene	8.780	142	505464	49.813	ng		99
38) 1-Methylnaphthalene	8.880	142	480793	49.041	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	269767	49.867	ng		98
41) Hexachlorocyclopentadiene	8.933	237	195388	60.086	ng		100
43) 2,4,6-Trichlorophenol	9.075	196	157915	43.166	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	168955	44.690	ng	#	93
46) 1,1'-Biphenyl	9.251	154	627854	48.039	ng		98
47) 2-Chloronaphthalene	9.275	162	493208	49.455	ng		99
48) 2-Nitroaniline	9.375	65	167373	49.079	ng		99
49) Acenaphthylene	9.692	152	783507	51.318	ng		100
50) Dimethylphthalate	9.557	163	573992	48.142	ng		99
51) 2,6-Dinitrotoluene	9.622	165	127207	54.057	ng		94
52) Acenaphthene	9.863	154	446658	44.924	ng		100
53) 3-Nitroaniline	9.786	138	83574	32.723	ng		100
54) 2,4-Dinitrophenol	9.910	184	86773	66.203	ng		88
55) Dibenzofuran	10.033	168	681926	47.724	ng		92
56) 4-Nitrophenol	9.986	139	129464	69.931	ng	#	72
57) 2,4-Dinitrotoluene	10.027	165	173136	55.131	ng	#	88
58) Fluorene	10.380	166	562208	50.734	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	127798	40.926	ng		99
60) Diethylphthalate	10.257	149	556945	46.477	ng		98
61) 4-Chlorophenyl-phenyle...	10.369	204	275983	48.017	ng		94
62) 4-Nitroaniline	10.410	138	127534	49.319	ng		87
63) Azobenzene	10.527	77	531823	45.082	ng		99
65) 4,6-Dinitro-2-methylph...	10.445	198	76152	39.916	ng		87
66) n-Nitrosodiphenylamine	10.492	169	497958	50.115	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	177050	49.110	ng		94
68) Hexachlorobenzene	10.927	284	201421	50.308	ng		95
69) Atrazine	11.022	200	166607	52.140	ng		98
70) Pentachlorophenol	11.133	266	114713	57.397	ng		99
71) Phenanthrene	11.345	178	810833	50.005	ng		98
72) Anthracene	11.398	178	834126	51.973	ng		98
73) Carbazole	11.557	167	733737	49.223	ng		99
74) Di-n-butylphthalate	11.874	149	849640	46.814	ng		100
75) Fluoranthene	12.533	202	847137	49.980	ng		97
77) Benzidine	12.657	184	335137	86.446	ng		98
78) Pyrene	12.763	202	851597	58.856	ng		98
80) Butylbenzylphthalate	13.374	149	306897	50.508	ng		98
81) Benzo(a)anthracene	13.951	228	608729	50.215	ng		100
82) 3,3'-Dichlorobenzidine	13.910	252	80490	31.035	ng		99
83) Chrysene	13.992	228	563008	48.715	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	375535	47.539	ng		99
85) Di-n-octyl phthalate	14.551	149	528724	44.440	ng		98
87) Indeno(1,2,3-cd)pyrene	16.874	276	560683	54.029	ng	#	91
88) Benzo(b)fluoranthene	14.998	252	523989	47.628	ng	#	96
89) Benzo(k)fluoranthene	15.027	252	505899	48.882	ng	#	97
90) Benzo(a)pyrene	15.362	252	488592	56.504	ng	#	96
91) Dibenzo(a,h)anthracene	16.886	278	483302	56.147	ng	#	94
92) Benzo(g,h,i)perylene	17.315	276	484446	56.786	ng	#	92

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

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