Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
Data File : BF125479.D
Acq On : 14 Sep 2021 17:59
Operator : JU/CG
Sample : M3722-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WALLSMS

Quant Time: Sep 14 18:23:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 14 17:17:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	140493	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	542923	20.000	ng	#	0.00
39) Acenaphthene-d10	9.922	164	284037	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	457633	20.000	ng		0.00
76) Chrysene-d12	14.057	240	235175	20.000	ng	#	0.00
86) Perylene-d12	15.545	264	291233	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	984110	106.023	ng		0.02
7) Phenol-d6	6.522	99	1082408	90.166	ng		0.00
23) Nitrobenzene-d5	7.445	82	845693	78.419	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	324941	114.605	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1462745	71.775	ng		0.00
79) Terphenyl-d14	12.992	244	1075688	72.868	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.875	88	171984	37.549	ng	#	100
3) Pyridine	3.610	79	197914	16.368	ng	#	90
4) n-Nitrosodimethylamine	3.510	42	191614	31.669	ng	#	36
6) Aniline	6.545	93	213860	15.166	ng	#	50
8) 2-Chlorophenol	6.669	128	416879	44.026	ng		81
9) Benzaldehyde	6.434	77	207915	24.679	ng		94
10) Phenol	6.534	94	477839	38.009	ng		88
11) bis(2-Chloroethyl)ether	6.616	93	464610	46.926	ng		88
12) 1,3-Dichlorobenzene	6.816	146	464063	42.293	ng		96
13) 1,4-Dichlorobenzene	6.898	146	468166	42.820	ng		99
14) 1,2-Dichlorobenzene	7.045	146	444536	43.217	ng		98
15) Benzyl Alcohol	7.034	79	381991	41.328	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	771793	38.869	ng		70
17) 2-Methylphenol	7.140	107	350607	44.078	ng	#	86
18) Hexachloroethane	7.387	117	172670	45.101	ng	#	87
19) n-Nitroso-di-n-propyla...	7.293	70	311934	43.200	ng	#	78
20) 3+4-Methylphenols	7.293	107	398753	39.936	ng	#	59
22) Acetophenone	7.287	105	593655	42.487	ng	#	90
24) Nitrobenzene	7.463	77	493849	42.026	ng	#	87
25) Isophorone	7.704	82	856633	41.176	ng	#	89
26) 2-Nitrophenol	7.781	139	234944	50.071	ng	#	86
27) 2,4-Dimethylphenol	7.822	122	364998	44.434	ng		91
28) bis(2-Chloroethoxy)met...	7.910	93	536245	46.553	ng	#	96
29) 2,4-Dichlorophenol	8.022	162	361130	43.108	ng		93
30) 1,2,4-Trichlorobenzene	8.098	180	390442	42.740	ng		95
31) Naphthalene	8.181	128	1138645	40.951	ng		99
32) Benzoic acid	7.940	122	50806	9.113	ng	#	86
33) 4-Chloroaniline	8.234	127	62195	5.674	ng	#	91
34) Hexachlorobutadiene	8.292	225	251124	43.112	ng		99
35) Caprolactam	8.622	113	69429	31.997	ng	#	61
36) 4-Chloro-3-methylphenol	8.728	107	380455	44.486	ng		90
37) 2-Methylnaphthalene	8.875	142	799139	43.494	ng		98
38) 1-Methylnaphthalene	8.975	142	724827	42.245	ng		96
40) 1,2,4,5-Tetrachloroben...	9.039	216	404763	43.617	ng		97
41) Hexachlorocyclopentadiene	9.028	237	381889	78.327	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	262978	40.246	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	286988	41.747	ng		96
46) 1,1'-Biphenyl	9.339	154	907007	39.609	ng		98
47) 2-Chloronaphthalene	9.369	162	765214	41.121	ng		96
48) 2-Nitroaniline	9.469	65	274902	47.657	ng		85
49) Acenaphthylene	9.786	152	1134436	41.836	ng		99
50) Dimethylphthalate	9.645	163	917383	46.607	ng	#	98
51) 2,6-Dinitrotoluene	9.710	165	192869	45.189	ng	#	86
52) Acenaphthene	9.957	154	660823	39.311	ng		98
53) 3-Nitroaniline	9.881	138	106923	23.230	ng		85
54) 2,4-Dinitrophenol	9.992	184	71126	42.189	ng	#	79
55) Dibenzofuran	10.128	168	955299	39.487	ng		99
56) 4-Nitrophenol	10.057	139	168654	46.271	ng	#	75
57) 2,4-Dinitrotoluene	10.116	165	251067	48.603	ng	#	97
58) Fluorene	10.469	166	769721	43.035	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	186470	36.552	ng	#	82
60) Diethylphthalate	10.339	149	844798	44.025	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	394187	43.589	ng	#	84
62) 4-Nitroaniline	10.498	138	185274	44.764	ng	#	84
63) Azobenzene	10.622	77	850245	39.503	ng		92
65) 4,6-Dinitro-2-methylph...	10.522	198	76222	31.470	ng		94
66) n-Nitrosodiphenylamine	10.581	169	722465	44.090	ng		95
67) 4-Bromophenyl-phenylether	10.951	248	260325	47.372	ng		92
68) Hexachlorobenzene	11.016	284	281085	49.721	ng	#	89
69) Atrazine	11.110	200	182059	38.719	ng		90
70) Pentachlorophenol	11.222	266	74480	22.563	ng		91
71) Phenanthrene	11.433	178	1056951	41.916	ng		97
72) Anthracene	11.486	178	1081182	43.501	ng		98
73) Carbazole	11.645	167	834020	36.721	ng		99
74) Di-n-butylphthalate	11.969	149	831542	30.852	ng		100
75) Fluoranthene	12.627	202	842452	33.671	ng		98
77) Benzidine	12.751	184	81963	9.979	ng	#	78
78) Pyrene	12.857	202	827511	41.020	ng		97
80) Butylbenzylphthalate	13.469	149	321934	40.613	ng	#	95
81) Benzo(a)anthracene	14.045	228	723950	42.725	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	57425	10.933	ng		97
83) Chrysene	14.080	228	703145	41.960	ng		97
84) Bis(2-ethylhexyl)phtha...	14.021	149	444335	40.784	ng		100
85) Di-n-octyl phthalate	14.639	149	838543	46.277	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	978864	46.655	ng	#	89
88) Benzo(b)fluoranthene	15.110	252	842535	39.599	ng	#	95
89) Benzo(k)fluoranthene	15.139	252	809983	40.796	ng		98
90) Benzo(a)pyrene	15.486	252	851290	45.294	ng	#	94
91) Dibenzo(a,h)anthracene	17.074	278	822979	45.378	ng	#	94
92) Benzo(g,h,i)perylene	17.515	276	829774	47.451	ng	#	87

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

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