Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
Data File : BF126071.D
Acq On : 8 Nov 2021 18:21
Operator : JU/CG
Sample : M4540-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Quant Time: Nov 09 09:33:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	170282	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	579827	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	306008	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	450477	20.000	ng	#	0.00
76) Chrysene-d12	14.010	240	375303	20.000	ng	#	0.00
86) Perylene-d12	15.474	264	297119	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1179375	118.939	ng		0.02
7) Phenol-d6	6.487	99	1486526	106.347	ng		0.00
23) Nitrobenzene-d5	7.422	82	1076902	87.590	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	361809	103.172	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1859620	82.123	ng		0.00
79) Terphenyl-d14	12.957	244	1532421	65.843	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	177658	43.089	ng	#	100
3) Pyridine	3.451	79	411761	37.113	ng		96
4) n-Nitrosodimethylamine	3.404	42	347295	44.638	ng	#	81
6) Aniline	6.516	93	274871	17.833	ng	#	88
8) 2-Chlorophenol	6.639	128	501394	47.321	ng		82
9) Benzaldehyde	6.404	77	368345	48.906	ng		90
10) Phenol	6.498	94	657912	46.032	ng		78
11) bis(2-Chloroethyl)ether	6.592	93	492558	47.314	ng		92
12) 1,3-Dichlorobenzene	6.798	146	583333	48.339	ng		94
13) 1,4-Dichlorobenzene	6.875	146	583466	47.416	ng		98
14) 1,2-Dichlorobenzene	7.028	146	553997	46.731	ng		97
15) Benzyl Alcohol	6.998	79	531164	44.496	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.134	45	835232	43.633	ng		92
17) 2-Methylphenol	7.110	107	419047	46.471	ng	#	89
18) Hexachloroethane	7.369	117	218265	47.213	ng	#	85
19) n-Nitroso-di-n-propyla...	7.269	70	429024	46.557	ng	#	81
20) 3+4-Methylphenols	7.263	107	542082	44.466	ng	#	57
22) Acetophenone	7.263	105	797138	47.600	ng	#	83
24) Nitrobenzene	7.439	77	629360	51.683	ng	#	85
25) Isophorone	7.675	82	1055491	47.682	ng	#	86
26) 2-Nitrophenol	7.751	139	242123	55.412	ng	#	60
27) 2,4-Dimethylphenol	7.792	122	408571	50.625	ng	#	77
28) bis(2-Chloroethoxy)met...	7.886	93	600910	46.035	ng	#	96
29) 2,4-Dichlorophenol	7.992	162	429299	47.124	ng		94
30) 1,2,4-Trichlorobenzene	8.081	180	529185	47.641	ng		98
31) Naphthalene	8.163	128	1423576	47.401	ng		98
32) Benzoic acid	7.910	122	179459	38.161	ng	#	70
33) 4-Chloroaniline	8.204	127	81479	6.788	ng	#	92
34) Hexachlorobutadiene	8.281	225	370191	48.414	ng		98
35) Caprolactam	8.581	113	107469	42.363	ng	#	67
36) 4-Chloro-3-methylphenol	8.686	107	446710	42.523	ng		85
37) 2-Methylnaphthalene	8.851	142	987899	47.628	ng		100
38) 1-Methylnaphthalene	8.951	142	888467	44.221	ng		97
40) 1,2,4,5-Tetrachloroben...	9.016	216	521304	50.833	ng		98
41) Hexachlorocyclopentadiene	9.004	237	331446	62.204	ng		98
43) 2,4,6-Trichlorophenol	9.128	196	312931	50.390	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	316889	47.234	ng	#	91
46) 1,1'-Biphenyl	9.316	154	1150126	48.626	ng		98
47) 2-Chloronaphthalene	9.339	162	905741	48.651	ng		99
48) 2-Nitroaniline	9.433	65	282056	46.420	ng	#	83
49) Acenaphthylene	9.751	152	1300978	46.209	ng		97
50) Dimethylphthalate	9.616	163	1057848	47.483	ng		99
51) 2,6-Dinitrotoluene	9.675	165	212465	55.638	ng	#	83
52) Acenaphthene	9.927	154	825639	46.494	ng		95
53) 3-Nitroaniline	9.839	138	85517	21.845	ng	#	78
54) 2,4-Dinitrophenol	9.945	184	83391	50.713	ng		88
55) Dibenzofuran	10.098	168	1133927	42.418	ng		100
56) 4-Nitrophenol	9.998	139	252950	81.871	ng	#	52
57) 2,4-Dinitrotoluene	10.075	165	259030	47.149	ng	#	87
58) Fluorene	10.439	166	891686	41.549	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	237086	41.733	ng	#	87
60) Diethylphthalate	10.310	149	998360	44.686	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	477546	41.607	ng		96
62) 4-Nitroaniline	10.451	138	140163	34.328	ng	#	82
63) Azobenzene	10.592	77	951986	39.242	ng		92
65) 4,6-Dinitro-2-methylph...	10.480	198	65475	33.273	ng		97
66) n-Nitrosodiphenylamine	10.545	169	737308	51.396	ng		96
67) 4-Bromophenyl-phenylether	10.922	248	277787	50.911	ng		95
68) Hexachlorobenzene	10.986	284	298832	52.428	ng	#	90
69) Atrazine	11.074	200	264609	52.148	ng		91
70) Pentachlorophenol	11.180	266	295472	96.202	ng		96
71) Phenanthrene	11.398	178	1124851	46.045	ng		98
72) Anthracene	11.451	178	1171981	48.052	ng		99
73) Carbazole	11.604	167	947344	41.879	ng		99
74) Di-n-butylphthalate	11.939	149	1298992	49.283	ng		99
75) Fluoranthene	12.586	202	1215806	44.692	ng		95
77) Benzidine	12.704	184	462791	36.888	ng		97
78) Pyrene	12.816	202	1237434	41.114	ng		98
80) Butylbenzylphthalate	13.433	149	514718	46.950	ng		87
81) Benzo(a)anthracene	14.004	228	1177953	45.688	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	302814	40.248	ng	#	97
83) Chrysene	14.039	228	1135526	47.333	ng		97
84) Bis(2-ethylhexyl)phtha...	13.992	149	744278	48.984	ng		97
85) Di-n-octyl phthalate	14.610	149	1239639	57.423	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	752854	42.809	ng	#	83
88) Benzo(b)fluoranthene	15.051	252	949841	49.148	ng	#	94
89) Benzo(k)fluoranthene	15.080	252	948185	50.577	ng	#	98
90) Benzo(a)pyrene	15.415	252	846032	55.565	ng	#	93
91) Dibenzo(a,h)anthracene	16.951	278	645491	44.688	ng	#	90
92) Benzo(g,h,i)perylene	17.374	276	588811	42.504	ng	#	83

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

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