Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
Data File : BF126072.D
Acq On : 8 Nov 2021 18:53
Operator : JU/CG
Sample : M4540-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Quant Time: Nov 09 09:34:36 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	6.851	152	162569	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	571910	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	293341	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	439757	20.000	ng	#	0.00
76) Chrysene-d12	14.010	240	368648	20.000	ng	#	0.00
86) Perylene-d12	15.474	264	283780	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1141120	120.541	ng		0.02
7) Phenol-d6	6.486	99	1456078	109.111	ng		0.00
23) Nitrobenzene-d5	7.416	82	1049846	86.571	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	355823	105.846	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1808944	83.334	ng		0.00
79) Terphenyl-d14	12.957	244	1478399	64.668	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	170730	43.373	ng	#	100
3) Pyridine	3.446	79	396096	37.395	ng		95
4) n-Nitrosodimethylamine	3.398	42	341742	46.008	ng	#	83
6) Aniline	6.516	93	293223	19.927	ng	#	90
8) 2-Chlorophenol	6.639	128	491292	48.567	ng		82
9) Benzaldehyde	6.404	77	355038	49.698	ng		90
10) Phenol	6.498	94	632801	46.376	ng		78
11) bis(2-Chloroethyl)ether	6.592	93	479122	48.207	ng		90
12) 1,3-Dichlorobenzene	6.798	146	564956	49.038	ng		95
13) 1,4-Dichlorobenzene	6.875	146	567589	48.314	ng		97
14) 1,2-Dichlorobenzene	7.028	146	542157	47.902	ng		98
15) Benzyl Alcohol	6.998	79	523655	45.948	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.133	45	811915	44.427	ng		93
17) 2-Methylphenol	7.110	107	403717	46.896	ng	#	90
18) Hexachloroethane	7.369	117	214499	48.600	ng	#	84
19) n-Nitroso-di-n-propyla...	7.269	70	418471	47.567	ng	#	82
20) 3+4-Methylphenols	7.263	107	525056	45.112	ng	#	57
22) Acetophenone	7.263	105	768296	46.513	ng	#	84
24) Nitrobenzene	7.439	77	609878	50.777	ng	#	86
25) Isophorone	7.675	82	1024330	46.915	ng	#	87
26) 2-Nitrophenol	7.751	139	240433	55.755	ng	#	60
27) 2,4-Dimethylphenol	7.792	122	403199	50.651	ng	#	83
28) bis(2-Chloroethoxy)met...	7.886	93	587746	45.650	ng	#	97
29) 2,4-Dichlorophenol	7.992	162	420189	46.763	ng		95
30) 1,2,4-Trichlorobenzene	8.081	180	507483	46.319	ng		98
31) Naphthalene	8.163	128	1400403	47.275	ng		98
32) Benzoic acid	7.910	122	212375	43.960	ng	#	69
33) 4-Chloroaniline	8.204	127	90835	7.673	ng	#	89
34) Hexachlorobutadiene	8.280	225	360498	47.799	ng		98
35) Caprolactam	8.575	113	104778	41.874	ng	#	59
36) 4-Chloro-3-methylphenol	8.686	107	435983	42.077	ng		86
37) 2-Methylnaphthalene	8.851	142	963761	47.107	ng		99
38) 1-Methylnaphthalene	8.951	142	877642	44.287	ng		97
40) 1,2,4,5-Tetrachloroben...	9.016	216	504891	51.359	ng		98
41) Hexachlorocyclopentadiene	9.004	237	326550	63.931	ng		96
43) 2,4,6-Trichlorophenol	9.127	196	304959	51.227	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	310016	48.205	ng		93
46) 1,1'-Biphenyl	9.316	154	1117317	49.279	ng		99
47) 2-Chloronaphthalene	9.339	162	874447	48.998	ng		99
48) 2-Nitroaniline	9.427	65	280363	48.029	ng	#	72
49) Acenaphthylene	9.751	152	1272244	47.140	ng		98
50) Dimethylphthalate	9.616	163	1037560	48.583	ng	#	99
51) 2,6-Dinitrotoluene	9.675	165	204576	55.885	ng		89
52) Acenaphthene	9.927	154	820029	48.172	ng		97
53) 3-Nitroaniline	9.839	138	83992	22.382	ng		84
54) 2,4-Dinitrophenol	9.945	184	85025	52.949	ng		90
55) Dibenzofuran	10.098	168	1123593	43.846	ng		99
56) 4-Nitrophenol	9.998	139	243554	82.234	ng	#	49
57) 2,4-Dinitrotoluene	10.074	165	252529	47.896	ng	#	89
58) Fluorene	10.439	166	860125	41.809	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	233876	42.945	ng	#	86
60) Diethylphthalate	10.310	149	965617	45.087	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	470039	42.721	ng		94
62) 4-Nitroaniline	10.451	138	142189	36.328	ng		91
63) Azobenzene	10.592	77	935185	40.214	ng		93
65) 4,6-Dinitro-2-methylph...	10.480	198	64185	33.378	ng		99
66) n-Nitrosodiphenylamine	10.545	169	726214	51.857	ng		97
67) 4-Bromophenyl-phenylether	10.921	248	267592	50.238	ng		95
68) Hexachlorobenzene	10.986	284	285898	51.381	ng		91
69) Atrazine	11.074	200	259548	52.397	ng		91
70) Pentachlorophenol	11.180	266	283885	94.682	ng		95
71) Phenanthrene	11.398	178	1103566	46.275	ng		97
72) Anthracene	11.451	178	1126689	47.321	ng		98
73) Carbazole	11.604	167	912044	41.301	ng		99
74) Di-n-butylphthalate	11.933	149	1261309	49.020	ng	#	99
75) Fluoranthene	12.586	202	1184520	44.603	ng		95
78) Pyrene	12.815	202	1219272	41.242	ng		97
80) Butylbenzylphthalate	13.433	149	493665	45.843	ng		87
81) Benzo(a)anthracene	14.004	228	1142491	45.112	ng		99
82) 3,3'-Dichlorobenzidine	13.962	252	301196	40.755	ng	#	98
83) Chrysene	14.039	228	1108318	47.033	ng		97
84) Bis(2-ethylhexyl)phtha...	13.998	149	713927	47.835	ng	#	99
85) Di-n-octyl phthalate	14.609	149	1222825	57.667	ng		100
87) Indeno(1,2,3-cd)pyrene	16.933	276	730646	43.499	ng	#	83
88) Benzo(b)fluoranthene	15.051	252	945979	51.249	ng	#	94
89) Benzo(k)fluoranthene	15.080	252	913979	51.044	ng	#	98
90) Benzo(a)pyrene	15.415	252	838419	57.654	ng	#	92
91) Dibenzo(a,h)anthracene	16.951	278	626749	45.430	ng	#	90
92) Benzo(g,h,i)perylene	17.374	276	578072	43.691	ng	#	82

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

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