Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136361.D
Acq On : 02 Dec 2023 05:10
Operator : CG\JU
Sample : 05388-01MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 02 05:55:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

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12/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	122227	20.000	ng		0.00
21) Naphthalene-d8	8.087	136	453720	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	173967	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	269823	20.000	ng		0.00
76) Chrysene-d12	13.992	240	242813	20.000	ng		0.00
86) Perylene-d12	15.468	264	213921	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	814787	92.783	ng		0.01
7) Phenol-d6	6.451	99	956593	87.119	ng		0.00
23) Nitrobenzene-d5	7.369	82	583764	67.989	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	175740	82.628	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	989334	72.639	ng		0.00
79) Terphenyl-d14	12.927	244	933149	44.329	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	126595	38.100	ng		96
3) Pyridine	3.416	79	303258	36.973	ng		92
4) n-Nitrosodimethylamine	3.381	42	151027	36.426	ng		90
6) Aniline	6.475	93	295329	28.456	ng		96
8) 2-Chlorophenol	6.593	128	380060	39.748	ng		95
9) Benzaldehyde	6.357	77	46480	7.595	ng		96
10) Phenol	6.463	94	447406	37.980	ng		96
11) bis(2-Chloroethyl)ether	6.551	93	352788	40.823	ng		93
12) 1,3-Dichlorobenzene	6.751	146	414511	38.200	ng		98
13) 1,4-Dichlorobenzene	6.828	146	428653	38.859	ng		98
14) 1,2-Dichlorobenzene	6.975	146	390296	37.373	ng		96
15) Benzyl Alcohol	6.951	79	283805	36.865	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.087	45	459782	38.303	ng		96
17) 2-Methylphenol	7.063	107	277737	36.947	ng		97
18) Hexachloroethane	7.316	117	147099	38.017	ng		96
19) n-Nitroso-di-n-propyla...	7.222	70	246411	37.522	ng		95
20) 3+4-Methylphenols	7.216	107	341146	34.919	ng		96
22) Acetophenone	7.216	105	515563	43.266	ng	#	93
24) Nitrobenzene	7.387	77	357832	41.125	ng		97
25) Isophorone	7.628	82	643578	41.569	ng		96
26) 2-Nitrophenol	7.704	139	177053	47.758	ng		93
27) 2,4-Dimethylphenol	7.739	122	229502	47.033	ng		96
28) bis(2-Chloroethoxy)met...	7.839	93	409825	43.763	ng		97
29) 2,4-Dichlorophenol	7.945	162	268524	40.798	ng		98
30) 1,2,4-Trichlorobenzene	8.028	180	327189	40.603	ng		98
31) Naphthalene	8.110	128	1024063	40.155	ng		98
32) Benzoic acid	7.845	122	126858	28.526	ng		95
33) 4-Chloroaniline	8.157	127	156741	18.081	ng		94
34) Hexachlorobutadiene	8.222	225	191677	40.658	ng		99
35) Caprolactam	8.522	113	67422m	36.644	ng		
36) 4-Chloro-3-methylphenol	8.639	107	247241	34.636	ng		98
37) 2-Methylnaphthalene	8.798	142	587830	36.745	ng		96
38) 1-Methylnaphthalene	8.898	142	558074	35.760	ng		91
40) 1,2,4,5-Tetrachloroben...	8.963	216	277290	50.084	ng		98
41) Hexachlorocyclopentadiene	8.951	237	140631	66.013	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	153025	42.583	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	157742	40.223	ng		98
46) 1,1'-Biphenyl	9.263	154	721450	47.027	ng		96
47) 2-Chloronaphthalene	9.286	162	526692	44.209	ng		96
48) 2-Nitroaniline	9.386	65	131376	42.236	ng	#	81
49) Acenaphthylene	9.704	152	761399	44.783	ng		97
50) Dimethylphthalate	9.569	163	588111	44.727	ng	#	99
51) 2,6-Dinitrotoluene	9.628	165	115431	42.972	ng		96
52) Acenaphthene	9.875	154	439914	40.944	ng		95
53) 3-Nitroaniline	9.792	138	84033	31.528	ng		94
54) 2,4-Dinitrophenol	9.904	184	33531	26.840	ng	#	83
55) Dibenzofuran	10.051	168	642592	40.193	ng		96
56) 4-Nitrophenol	9.957	139	152718	75.442	ng		92
57) 2,4-Dinitrotoluene	10.033	165	138032	38.469	ng		94
58) Fluorene	10.392	166	469780	37.461	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	112934	36.194	ng		98
60) Diethylphthalate	10.269	149	515508	39.193	ng		97
61) 4-Chlorophenyl-phenyle...	10.386	204	236763	38.876	ng		98
62) 4-Nitroaniline	10.410	138	89941	34.474	ng		95
63) Azobenzene	10.545	77	438510	35.962	ng		97
65) 4,6-Dinitro-2-methylph...	10.439	198	31389	21.273	ng		86
66) n-Nitrosodiphenylamine	10.504	169	401078	46.384	ng		95
67) 4-Bromophenyl-phenylether	10.875	248	137208	43.587	ng		95
68) Hexachlorobenzene	10.939	284	151819	41.671	ng		93
69) Atrazine	11.033	200	129361	50.432	ng		98
70) Pentachlorophenol	11.133	266	172973	83.992	ng		96
71) Phenanthrene	11.357	178	658773	43.440	ng		98
72) Anthracene	11.410	178	666052	43.796	ng		99
73) Carbazole	11.569	167	587764	45.441	ng		99
74) Di-n-butylphthalate	11.904	149	728844	45.035	ng		98
75) Fluoranthene	12.551	202	768827	49.939	ng		96
77) Benzidine	12.674	184	174654	43.757	ng		96
78) Pyrene	12.780	202	782320	29.419	ng		97
80) Butylbenzylphthalate	13.410	149	333390	40.283	ng		99
81) Benzo(a)anthracene	13.980	228	743211	41.209	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	241580	55.646	ng		94
83) Chrysene	14.016	228	718011	41.232	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	477224	48.047	ng	#	98
85) Di-n-octyl phthalate	14.592	149	904648	55.211	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	465285	30.153	ng		98
88) Benzo(b)fluoranthene	15.039	252	666384	44.401	ng		99
89) Benzo(k)fluoranthene	15.068	252	629070	44.132	ng		98
90) Benzo(a)pyrene	15.410	252	512393	41.763	ng		98
91) Dibenzo(a,h)anthracene	16.998	278	393931	31.673	ng		98
92) Benzo(g,h,i)perylene	17.433	276	368037	29.348	ng		96

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

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