Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134683.D
Acq On : 09 Aug 2023 11:02
Operator : CG\JU
Sample : 03781-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 10 01:37:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OS-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
08/10/2023
Supervised By :mohammad ahmed
08/10/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	198638	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	807407	20.000	ng	#	0.00
39) Acenaphthene-d10	9.839	164	408444	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	672480	20.000	ng	#	0.00
76) Chrysene-d12	13.992	240	332766	20.000	ng		0.02
86) Perylene-d12	15.468	264	436384	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	1129807	86.460	ng		0.01
7) Phenol-d6	6.445	99	1551475	92.879	ng		0.00
23) Nitrobenzene-d5	7.369	82	940728	72.812	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	371114	89.131	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1674829	68.179	ng		0.00
79) Terphenyl-d14	12.927	244	1440442	76.309	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	209121	34.782	ng	#	94
3) Pyridine	3.345	79	544435	33.418	ng		92
4) n-Nitrosodimethylamine	3.310	42	295471	37.957	ng	#	53
6) Aniline	6.481	93	650321	29.682	ng		93
8) 2-Chlorophenol	6.592	128	623935	47.333	ng		95
9) Benzaldehyde	6.357	77	331964	42.180	ng		96
10) Phenol	6.463	94	731131m	44.415	ng		
11) bis(2-Chloroethyl)ether	6.545	93	592439	45.305	ng		94
12) 1,3-Dichlorobenzene	6.745	146	622349	45.632	ng		94
13) 1,4-Dichlorobenzene	6.822	146	629949	46.087	ng		98
14) 1,2-Dichlorobenzene	6.975	146	602984	47.346	ng		95
15) Benzyl Alcohol	6.951	79	527598	45.784	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.081	45	921824	44.996	ng		89
17) 2-Methylphenol	7.063	107	497784	42.734	ng		93
18) Hexachloroethane	7.310	117	225495	47.005	ng		99
19) n-Nitroso-di-n-propyla...	7.222	70	397976	39.793	ng		92
20) 3+4-Methylphenols	7.216	107	553615	39.409	ng	#	85
22) Acetophenone	7.216	105	744940	39.965	ng	#	93
24) Nitrobenzene	7.386	77	632557	45.318	ng		97
25) Isophorone	7.628	82	1191593	42.285	ng		100
26) 2-Nitrophenol	7.704	139	327894	54.486	ng	#	83
27) 2,4-Dimethylphenol	7.739	122	493663	39.262	ng		85
28) bis(2-Chloroethoxy)met...	7.839	93	728874	43.238	ng		99
29) 2,4-Dichlorophenol	7.945	162	512220	44.884	ng		98
30) 1,2,4-Trichlorobenzene	8.028	180	544059	44.707	ng		97
31) Naphthalene	8.110	128	1690289	41.655	ng		99
32) Benzoic acid	7.880	122	418984	50.578	ng		93
33) 4-Chloroaniline	8.157	127	344507	19.054	ng		96
34) Hexachlorobutadiene	8.222	225	316937	45.151	ng		96
35) Caprolactam	8.533	113	179420m	48.731	ng		
36) 4-Chloro-3-methylphenol	8.639	107	545174	45.109	ng		94
37) 2-Methylnaphthalene	8.798	142	1086208	40.384	ng		99
38) 1-Methylnaphthalene	8.898	142	1033113	41.306	ng		98
40) 1,2,4,5-Tetrachloroben...	8.963	216	528990	44.538	ng		98
41) Hexachlorocyclopentadiene	8.951	237	403284	69.824	ng		92
43) 2,4,6-Trichlorophenol	9.075	196	370495	47.664	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	393438	44.286	ng		94
46) 1,1'-Biphenyl	9.263	154	1361203	42.857	ng		97
47) 2-Chloronaphthalene	9.286	162	1041150	43.748	ng		99
48) 2-Nitroaniline	9.386	65	350564	47.298	ng		89
49) Acenaphthylene	9.704	152	1584149	42.346	ng		99
50) Dimethylphthalate	9.569	163	1283772	46.115	ng		98
51) 2,6-Dinitrotoluene	9.633	165	289600	50.629	ng	#	77
52) Acenaphthene	9.874	154	1110734m	45.816	ng		
53) 3-Nitroaniline	9.798	138	257368	41.478	ng		98
54) 2,4-Dinitrophenol	9.910	184	248733	99.466	ng		84
55) Dibenzofuran	10.051	168	1418003	41.088	ng		94
56) 4-Nitrophenol	9.969	139	479745	94.534	ng	#	73
57) 2,4-Dinitrotoluene	10.039	165	362046	52.282	ng	#	85
58) Fluorene	10.392	166	1032250	41.064	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.169	232	325097	46.254	ng		96
60) Diethylphthalate	10.269	149	1192676	45.200	ng		97
61) 4-Chlorophenyl-phenyle...	10.386	204	526073	42.577	ng		92
62) 4-Nitroaniline	10.416	138	281536	46.292	ng		85
63) Azobenzene	10.545	77	1147345	40.470	ng		97
65) 4,6-Dinitro-2-methylph...	10.445	198	165778	58.638	ng		85
66) n-Nitrosodiphenylamine	10.504	169	1007572	47.073	ng		98
67) 4-Bromophenyl-phenylether	10.874	248	352658	47.905	ng		100
68) Hexachlorobenzene	10.939	284	374006	48.112	ng		96
69) Atrazine	11.039	200	345244	59.842	ng		98
70) Pentachlorophenol	11.133	266	360989	75.000	ng		95
71) Phenanthrene	11.357	178	1506204	42.168	ng		100
72) Anthracene	11.410	178	1508485	41.345	ng		99
73) Carbazole	11.563	167	1349542	41.426	ng		99
74) Di-n-butylphthalate	11.898	149	1624194	46.929	ng		98
75) Fluoranthene	12.551	202	1344612	35.637	ng		98
77) Benzidine	12.668	184	321664	44.529	ng		98
78) Pyrene	12.780	202	1266881	43.997	ng		97
80) Butylbenzylphthalate	13.410	149	456203	46.854	ng	#	97
81) Benzo(a)anthracene	13.980	228	968927	40.721	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	311875	45.218	ng	#	98
83) Chrysene	14.015	228	982228	42.370	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	535303	46.717	ng		97
85) Di-n-octyl phthalate	14.592	149	1109433	63.670	ng	#	87
87) Indeno(1,2,3-cd)pyrene	16.974	276	1148621	44.755	ng	#	91
88) Benzo(b)fluoranthene	15.039	252	1191435	44.766	ng	#	95
89) Benzo(k)fluoranthene	15.068	252	1101122	41.532	ng	#	96
90) Benzo(a)pyrene	15.409	252	1042557	42.013	ng	#	95
91) Dibenzo(a,h)anthracene	16.992	278	949691	45.788	ng	#	95
92) Benzo(g,h,i)perylene	17.427	276	867055	40.981	ng	#	92

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

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