Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132027.D
Acq On : 11 Jan 2023 17:24
Operator : CG\JU
Sample : 01072-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

Quant Time: Jan 12 00:35:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	83152	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	307484	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	176486	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	320957	20.000	ng		0.00
76) Chrysene-d12	13.980	240	142067	20.000	ng		0.00
86) Perylene-d12	15.445	264	149394	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	299505	59.351	ng		0.01
7) Phenol-d6	6.434	99	685125	102.398	ng		0.00
23) Nitrobenzene-d5	7.357	82	516704	69.743	ng		-0.01
42) 2,4,6-Tribromophenol	10.627	330	9781	4.820	ng		-0.01
45) 2-Fluorobiphenyl	9.157	172	947620	72.485	ng		0.00
79) Terphenyl-d14	12.921	244	901251	90.925	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	93031	42.211	ng		98
3) Pyridine	3.293	79	251763	40.702	ng		100
4) n-Nitrosodimethylamine	3.275	42	131524	45.243	ng		92
6) Aniline	6.445	93	176402	20.038	ng	#	1
8) 2-Chlorophenol	6.569	128	240986	47.597	ng		98
9) Benzaldehyde	6.334	77	147755	33.188	ng		97
10) Phenol	6.445	94	333893	44.734	ng		95
11) bis(2-Chloroethyl)ether	6.522	93	254063	45.155	ng		98
12) 1,3-Dichlorobenzene	6.722	146	265784	47.131	ng		96
13) 1,4-Dichlorobenzene	6.798	146	265463	46.524	ng		97
14) 1,2-Dichlorobenzene	6.951	146	251990	46.500	ng		99
15) Benzyl Alcohol	6.939	79	261864	44.944	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	315874	44.486	ng	#	1
17) 2-Methylphenol	7.051	107	218268	43.563	ng		92
18) Hexachloroethane	7.292	117	110523	46.838	ng		91
19) n-Nitroso-di-n-propyla...	7.210	70	209463	43.277	ng		98
20) 3+4-Methylphenols	7.210	107	279453	43.444	ng	#	72
22) Acetophenone	7.198	105	397351	44.384	ng		92
24) Nitrobenzene	7.375	77	318947	42.288	ng		98
25) Isophorone	7.616	82	577929	41.757	ng		98
26) 2-Nitrophenol	7.692	139	130670	44.031	ng		99
27) 2,4-Dimethylphenol	7.733	122	220588	44.531	ng		99
28) bis(2-Chloroethoxy)met...	7.828	93	325965	42.554	ng		99
29) 2,4-Dichlorophenol	7.939	162	223400	44.029	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	260761	44.874	ng		97
31) Naphthalene	8.092	128	708800	43.619	ng		99
32) Benzoic acid	7.881	122	86086m	29.976	ng		
33) 4-Chloroaniline	8.151	127	54398	8.112	ng		93
34) Hexachlorobutadiene	8.204	225	178351	44.269	ng		97
35) Caprolactam	8.551	113	59182m	39.714	ng		
36) 4-Chloro-3-methylphenol	8.651	107	252018	42.320	ng		99
37) 2-Methylnaphthalene	8.786	142	482917	41.379	ng		99
38) 1-Methylnaphthalene	8.886	142	446494	41.294	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	277238	44.579	ng		99
41) Hexachlorocyclopentadiene	8.933	237	209452	69.020	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	166196	44.398	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	173686	39.855	ng	96
46) 1,1'-Biphenyl	9.257	154	603482	44.302	ng	99
47) 2-Chloronaphthalene	9.280	162	479764	45.378	ng	99
48) 2-Nitroaniline	9.386	65	164406	42.813	ng	98
49) Acenaphthylene	9.698	152	709435	43.241	ng	99
50) Dimethylphthalate	9.563	163	581774	42.290	ng	99
51) 2,6-Dinitrotoluene	9.633	165	124703	43.099	ng	96
52) Acenaphthene	9.869	154	420969	42.746	ng	97
53) 3-Nitroaniline	9.798	138	47867	17.052	ng	94
54) 2,4-Dinitrophenol	9.916	184	87727	60.387	ng	98
55) Dibenzofuran	10.045	168	654854	42.184	ng	99
56) 4-Nitrophenol	9.986	139	113266	71.636	ng	98
57) 2,4-Dinitrotoluene	10.039	165	160005	41.362	ng	90
58) Fluorene	10.386	166	524230	42.274	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	125768m	38.731	ng	
60) Diethylphthalate	10.263	149	562857	41.609	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	291928	41.123	ng	100
62) 4-Nitroaniline	10.427	138	93329	36.975	ng	96
63) Azobenzene	10.539	77	659020	45.926	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	74268	35.882	ng	90
66) n-Nitrosodiphenylamine	10.504	169	446193	44.312	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	175484	43.706	ng	99
68) Hexachlorobenzene	10.933	284	189918	46.759	ng	96
69) Atrazine	11.039	200	164436	44.906	ng	96
70) Pentachlorophenol	11.139	266	117596	55.693	ng	98
71) Phenanthrene	11.357	178	721131	43.100	ng	100
72) Anthracene	11.404	178	743405	43.160	ng	99
73) Carbazole	11.569	167	580611	40.716	ng	100
74) Di-n-butylphthalate	11.892	149	823458	41.472	ng	100
75) Fluoranthene	12.545	202	707274	37.587	ng	99
77) Benzidine	12.668	184	149073	31.585	ng	97
78) Pyrene	12.774	202	679861	52.469	ng	100
80) Butylbenzylphthalate	13.398	149	244653	46.777	ng	93
81) Benzo(a)anthracene	13.968	228	442855	42.847	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	63027	19.538	ng	97
83) Chrysene	14.010	228	413590	42.817	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	320830	45.279	ng	100
85) Di-n-octyl phthalate	14.568	149	501920	51.765	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	478472	52.222	ng	99
88) Benzo(b)fluoranthene	15.021	252	419649	40.955	ng	98
89) Benzo(k)fluoranthene	15.051	252	400896	39.203	ng	99
90) Benzo(a)pyrene	15.386	252	369146	39.985	ng	100
91) Dibenzo(a,h)anthracene	16.927	278	401220	52.238	ng	99
92) Benzo(g,h,i)perylene	17.351	276	386111	47.026	ng	97

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

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