Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
Data File : BF131714.D
Acq On : 20 Dec 2022 15:42
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF122022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

Quant Time: Dec 21 03:17:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	92933	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	329710	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	190491	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	372895	20.000	ng	0.00
76) Chrysene-d12	14.068	240	222285	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	188397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	439815	79.692	ng	0.00
7) Phenol-d6	6.498	99	592571	79.771	ng	0.00
23) Nitrobenzene-d5	7.439	82	647878	79.771	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	172805	82.880	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1120004	82.362	ng	0.00
79) Terphenyl-d14	13.004	244	1270957	89.112	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	103763	40.233	ng	99
3) Pyridine	3.351	79	296058	40.258	ng	99
4) n-Nitrosodimethylamine	3.322	42	133695	40.183	ng	98
6) Aniline	6.533	93	367585	40.083	ng	98
8) 2-Chlorophenol	6.651	128	236802	39.948	ng	99
9) Benzaldehyde	6.416	77	179718	41.599	ng	97
10) Phenol	6.516	94	356181	40.160	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	251887	39.688	ng	99
12) 1,3-Dichlorobenzene	6.804	146	264675	39.500	ng	100
13) 1,4-Dichlorobenzene	6.886	146	266018	38.839	ng	98
14) 1,2-Dichlorobenzene	7.039	146	252032	39.300	ng	99
15) Benzyl Alcohol	7.016	79	268282	40.435	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	324701	40.123	ng	99
17) 2-Methylphenol	7.128	107	220566	39.415	ng	97
18) Hexachloroethane	7.380	117	108561	39.984	ng	100
19) n-Nitroso-di-n-propyla...	7.286	70	212314	39.630	ng	98
20) 3+4-Methylphenols	7.281	107	290574	40.345	ng	97
22) Acetophenone	7.286	105	380542	39.550	ng	98
24) Nitrobenzene	7.457	77	328298	39.762	ng	95
25) Isophorone	7.698	82	550671	39.925	ng	99
26) 2-Nitrophenol	7.775	139	131169	40.650	ng	97
27) 2,4-Dimethylphenol	7.810	122	184143	40.067	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	293795	40.112	ng	99
29) 2,4-Dichlorophenol	8.016	162	222405	40.085	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	262056	40.177	ng	98
31) Naphthalene	8.180	128	716976	39.818	ng	100
32) Benzoic acid	7.945	122	162181m	44.084	ng	
33) 4-Chloroaniline	8.233	127	283223	40.332	ng	98
34) Hexachlorobutadiene	8.292	225	178291	40.628	ng	99
35) Caprolactam	8.616	113	67548	40.376	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	255865	40.370	ng	98
37) 2-Methylnaphthalene	8.875	142	487348	39.678	ng	100
38) 1-Methylnaphthalene	8.975	142	468387	39.373	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	272898	41.873	ng	100
41) Hexachlorocyclopentadiene	9.022	237	124960	42.321	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	178897	42.021	ng	98

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44) 2,4,5-Trichlorophenol	9.192	196	194530	42.208	ng		99
46) 1,1'-Biphenyl	9.339	154	598468	41.767	ng		99
47) 2-Chloronaphthalene	9.369	162	490269	41.786	ng		100
48) 2-Nitroaniline	9.469	65	179367	42.414	ng		99
49) Acenaphthylene	9.786	152	737515	41.909	ng		100
50) Dimethylphthalate	9.645	163	598944	41.786	ng		100
51) 2,6-Dinitrotoluene	9.710	165	130196	42.243	ng		96
52) Acenaphthene	9.957	154	447531	41.513	ng		99
53) 3-Nitroaniline	9.880	138	132021	41.864	ng		98
54) 2,4-Dinitrophenol	9.986	184	78061	42.270	ng		98
55) Dibenzofuran	10.127	168	678079	41.019	ng		99
56) 4-Nitrophenol	10.039	139	97590	43.237	ng		95
57) 2,4-Dinitrotoluene	10.116	165	177314	42.814	ng		97
58) Fluorene	10.474	166	560259	41.918	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	161865m	42.069	ng		
60) Diethylphthalate	10.345	149	573082	41.494	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	292562	41.185	ng		100
62) 4-Nitroaniline	10.504	138	133737	42.137	ng		98
63) Azobenzene	10.627	77	631259	41.622	ng		99
65) 4,6-Dinitro-2-methylph...	10.521	198	109542	42.787	ng		98
66) n-Nitrosodiphenylamine	10.586	169	464979	40.210	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	180079	40.888	ng		98
68) Hexachlorobenzene	11.021	284	197081	40.688	ng	#	88
69) Atrazine	11.116	200	157912	40.966	ng		99
70) Pentachlorophenol	11.216	266	109689	42.667	ng		98
71) Phenanthrene	11.439	178	808343	39.754	ng		98
72) Anthracene	11.492	178	807808	40.575	ng		99
73) Carbazole	11.651	167	686050	39.829	ng		99
74) Di-n-butylphthalate	11.974	149	849578	39.611	ng		100
75) Fluoranthene	12.633	202	890526	39.325	ng		99
77) Benzidine	12.757	184	158569	38.903	ng		98
78) Pyrene	12.862	202	897041	44.386	ng		100
80) Butylbenzylphthalate	13.480	149	312129	43.789	ng		98
81) Benzo(a)anthracene	14.057	228	672595	42.013	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	177447	39.701	ng	#	98
83) Chrysene	14.092	228	636503	42.124	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	373481	43.941	ng		100
85) Di-n-octyl phthalate	14.656	149	507311	42.758	ng		99
87) Indeno(1,2,3-cd)pyrene	17.074	276	540205	42.689	ng		99
88) Benzo(b)fluoranthene	15.115	252	507131	38.048	ng		99
89) Benzo(k)fluoranthene	15.151	252	510032	39.215	ng		99
90) Benzo(a)pyrene	15.498	252	420390	39.818	ng		97
91) Dibenzo(a,h)anthracene	17.092	278	450076	43.038	ng		98
92) Benzo(g,h,i)perylene	17.533	276	450264	43.562	ng		99

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

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