Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136462.D
Acq On : 07 Dec 2023 23:16
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 00:45:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	132473	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	462797	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	176592	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	268818	20.000	ng		0.00
76) Chrysene-d12	13.980	240	271841	20.000	ng		0.00
86) Perylene-d12	15.457	264	244578	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	690713	77.002	ng		0.00
7) Phenol-d6	6.451	99	813374	72.677	ng		0.00
23) Nitrobenzene-d5	7.369	82	707297	82.621	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	145853	66.985	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1195982	92.412	ng		0.00
79) Terphenyl-d14	12.921	244	1177043	57.070	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	187288	52.788	ng		97
3) Pyridine	3.322	79	416138	48.433	ng		94
4) n-Nitrosodimethylamine	3.293	42	149955	40.171	ng		98
6) Aniline	6.475	93	504038	44.564	ng		97
8) 2-Chlorophenol	6.592	128	368419	37.622	ng		99
9) Benzaldehyde	6.357	77	233686	41.728	ng		96
10) Phenol	6.463	94	436289	36.636	ng		82
11) bis(2-Chloroethyl)ether	6.545	93	338539	38.138	ng		97
12) 1,3-Dichlorobenzene	6.745	146	385306	34.987	ng		98
13) 1,4-Dichlorobenzene	6.822	146	392974	35.176	ng		99
14) 1,2-Dichlorobenzene	6.975	146	363105	34.564	ng		97
15) Benzyl Alcohol	6.951	79	283222	37.792	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	406425	35.599	ng		93
17) 2-Methylphenol	7.063	107	300583	37.993	ng		97
18) Hexachloroethane	7.310	117	130465	33.449	ng		95
19) n-Nitroso-di-n-propyla...	7.222	70	229785	35.593	ng		98
20) 3+4-Methylphenols	7.216	107	354828	36.133	ng		93
22) Acetophenone	7.210	105	475402	41.599	ng	#	99
24) Nitrobenzene	7.386	77	340307	39.516	ng		99
25) Isophorone	7.622	82	605343	39.358	ng		99
26) 2-Nitrophenol	7.698	139	165285	39.040	ng		94
27) 2,4-Dimethylphenol	7.739	122	262867	50.353	ng		98
28) bis(2-Chloroethoxy)met...	7.834	93	387059	40.955	ng		99
29) 2,4-Dichlorophenol	7.939	162	260005	37.732	ng		98
30) 1,2,4-Trichlorobenzene	8.022	180	296314	36.878	ng		98
31) Naphthalene	8.104	128	960333	37.629	ng		99
32) Benzoic acid	7.851	122	151995m	29.350	ng		
33) 4-Chloroaniline	8.151	127	374345	41.143	ng		98
34) Hexachlorobutadiene	8.216	225	183590	38.554	ng		99
35) Caprolactam	8.522	113	66314	31.250	ng		95
36) 4-Chloro-3-methylphenol	8.639	107	234192	32.009	ng		100
37) 2-Methylnaphthalene	8.792	142	577739	35.583	ng		96
38) 1-Methylnaphthalene	8.892	142	530323	33.286	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	259276	47.192	ng		99
41) Hexachlorocyclopentadiene	8.939	237	53655	26.361	ng		95
43) 2,4,6-Trichlorophenol	9.075	196	146896	41.063	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	158271	39.641	ng		94
46) 1,1'-Biphenyl	9.257	154	675494	44.955	ng		98
47) 2-Chloronaphthalene	9.280	162	469344	40.131	ng		97
48) 2-Nitroaniline	9.380	65	127625	40.688	ng		95
49) Acenaphthylene	9.698	152	683488	41.025	ng		99
50) Dimethylphthalate	9.563	163	554432	42.644	ng		100
51) 2,6-Dinitrotoluene	9.622	165	111983	38.286	ng		95
52) Acenaphthene	9.869	154	411957	38.587	ng		99
53) 3-Nitroaniline	9.792	138	116372	38.961	ng		98
54) 2,4-Dinitrophenol	9.898	184	13471	9.109	ng	#	89
55) Dibenzofuran	10.039	168	593523	38.056	ng		98
56) 4-Nitrophenol	9.957	139	75962	33.925	ng		98
57) 2,4-Dinitrotoluene	10.027	165	131601	34.011	ng		96
58) Fluorene	10.386	166	443761	35.445	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	111384	34.828	ng		99
60) Diethylphthalate	10.263	149	482692	37.756	ng		99
61) 4-Chlorophenyl-phenyle...	10.380	204	226626	37.132	ng		92
62) 4-Nitroaniline	10.404	138	106248	35.824	ng		95
63) Azobenzene	10.539	77	398887	34.279	ng		98
65) 4,6-Dinitro-2-methylph...	10.433	198	23873	14.340	ng		96
66) n-Nitrosodiphenylamine	10.498	169	381740	44.255	ng		97
67) 4-Bromophenyl-phenylether	10.869	248	128633	41.157	ng		95
68) Hexachlorobenzene	10.933	284	134482	37.229	ng		94
69) Atrazine	11.027	200	78123	31.732	ng		97
70) Pentachlorophenol	11.127	266	84597	41.495	ng		99
71) Phenanthrene	11.351	178	615134	41.632	ng		99
72) Anthracene	11.404	178	632032	42.469	ng		99
73) Carbazole	11.563	167	555078	42.142	ng		98
74) Di-n-butylphthalate	11.892	149	652337	40.399	ng		99
75) Fluoranthene	12.545	202	718171	46.382	ng		99
77) Benzidine	12.669	184	173605	32.184	ng		98
78) Pyrene	12.774	202	751408	28.224	ng		98
80) Butylbenzylphthalate	13.404	149	320249	33.791	ng		98
81) Benzo(a)anthracene	13.968	228	751444	39.685	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	260172	49.005	ng		99
83) Chrysene	14.010	228	737805	39.603	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	443873	38.205	ng		99
85) Di-n-octyl phthalate	14.580	149	829077	48.311	ng		99
87) Indeno(1,2,3-cd)pyrene	16.962	276	527822	31.064	ng		99
88) Benzo(b)fluoranthene	15.027	252	651388	38.953	ng		99
89) Benzo(k)fluoranthene	15.057	252	648525	41.152	ng		98
90) Benzo(a)pyrene	15.398	252	574597	41.607	ng		100
91) Dibenzo(a,h)anthracene	16.986	278	439147	31.548	ng		98
92) Benzo(g,h,i)perylene	17.421	276	405922	28.411	ng		99

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

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