Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138619.D
Acq On : 23 Jul 2024 15:31
Operator : RC/JU
Sample : P3302-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 23 16:03:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
285-290MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	76825	20.000	ng		-0.01
21) Naphthalene-d8	8.134	136	312912	20.000	ng		-0.02
39) Acenaphthene-d10	9.892	164	168716	20.000	ng		-0.01
64) Phenanthrene-d10	11.375	188	259776	20.000	ng		-0.01
76) Chrysene-d12	14.010	240	114661	20.000	ng		-0.02
86) Perylene-d12	15.474	264	147152	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	745967	153.782	ng		0.01
7) Phenol-d6	6.499	99	985163	152.667	ng		0.00
23) Nitrobenzene-d5	7.422	82	665644	104.443	ng		-0.01
42) 2,4,6-Tribromophenol	10.686	330	235407	149.292	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1099273	101.831	ng		-0.02
79) Terphenyl-d14	12.957	244	779291	110.723	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.881	88	96494m	44.915	ng		
3) Pyridine	3.575	79	226066	42.669	ng		96
4) n-Nitrosodimethylamine	3.505	42	182574	52.936	ng		90
6) Aniline	6.522	93	162397	26.868	ng	#	1
8) 2-Chlorophenol	6.646	128	306772	59.809	ng		97
9) Benzaldehyde	6.410	77	14448	4.183	ng		94
10) Phenol	6.516	94	385296	56.252	ng		96
11) bis(2-Chloroethyl)ether	6.598	93	304034	58.955	ng		99
12) 1,3-Dichlorobenzene	6.798	146	300056	52.043	ng		99
13) 1,4-Dichlorobenzene	6.875	146	301227	51.450	ng		98
14) 1,2-Dichlorobenzene	7.022	146	292924	53.718	ng		98
15) Benzyl Alcohol	7.004	79	298074	61.550	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	525525	51.820	ng		73
17) 2-Methylphenol	7.116	107	252781	60.133	ng	#	92
18) Hexachloroethane	7.363	117	113786	52.866	ng		95
19) n-Nitroso-di-n-propyla...	7.275	70	238189	59.736	ng		94
20) 3+4-Methylphenols	7.269	107	320985	60.637	ng		90
22) Acetophenone	7.269	105	393821	51.820	ng		99
24) Nitrobenzene	7.440	77	360232	55.620	ng		99
25) Isophorone	7.681	82	643928	58.834	ng		99
26) 2-Nitrophenol	7.751	139	164440	59.239	ng		93
27) 2,4-Dimethylphenol	7.793	122	217120m	63.639	ng		
28) bis(2-Chloroethoxy)met...	7.887	93	378487	57.863	ng		99
29) 2,4-Dichlorophenol	7.998	162	252622	57.020	ng		97
30) 1,2,4-Trichlorobenzene	8.075	180	263010	50.959	ng		98
31) Naphthalene	8.157	128	891333	54.771	ng		100
32) Benzoic acid	7.928	122	151605	46.590	ng		94
33) 4-Chloroaniline	8.204	127	67374	11.799	ng		98
34) Hexachlorobutadiene	8.269	225	151614	47.704	ng		99
35) Caprolactam	8.592	113	65160m	45.578	ng		
36) 4-Chloro-3-methylphenol	8.698	107	294946	59.465	ng		98
37) 2-Methylnaphthalene	8.851	142	576847	55.081	ng		100
38) 1-Methylnaphthalene	8.945	142	530838	51.937	ng		98
40) 1,2,4,5-Tetrachloroben...	9.016	216	236825	50.365	ng		98
41) Hexachlorocyclopentadiene	8.998	237	174668	114.442	ng		99
43) 2,4,6-Trichlorophenol	9.134	196	172995	57.675	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	181466	55.006	ng		94
46) 1,1'-Biphenyl	9.316	154	678795	53.089	ng		99
47) 2-Chloronaphthalene	9.339	162	534048	55.288	ng		99
48) 2-Nitroaniline	9.440	65	201555	60.215	ng		97
49) Acenaphthylene	9.757	152	836792	61.018	ng		100
50) Dimethylphthalate	9.616	163	643304	58.967	ng		99
51) 2,6-Dinitrotoluene	9.681	165	138686	55.212	ng		88
52) Acenaphthene	9.928	154	526285	57.732	ng		99
53) 3-Nitroaniline	9.845	138	66956	26.007	ng		91
54) 2,4-Dinitrophenol	9.963	184	124340	91.520	ng		91
55) Dibenzofuran	10.098	168	746110	56.428	ng		99
56) 4-Nitrophenol	10.022	139	186851	98.362	ng		99
57) 2,4-Dinitrotoluene	10.087	165	178878	55.039	ng		93
58) Fluorene	10.439	166	576625	55.115	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	143498	55.115	ng		97
60) Diethylphthalate	10.316	149	602567	57.294	ng		99
61) 4-Chlorophenyl-phenyle...	10.434	204	281400	53.564	ng		95
62) 4-Nitroaniline	10.469	138	131554	50.993	ng		99
63) Azobenzene	10.592	77	658204	58.210	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	92538	61.693	ng		79
66) n-Nitrosodiphenylamine	10.551	169	495084	63.610	ng		97
67) 4-Bromophenyl-phenylether	10.922	248	163709	61.314	ng		100
68) Hexachlorobenzene	10.986	284	172049	58.004	ng		98
69) Atrazine	11.081	200	147890	57.312	ng		97
70) Pentachlorophenol	11.186	266	175374	99.918	ng		98
71) Phenanthrene	11.404	178	778673	59.331	ng		99
72) Anthracene	11.457	178	780235	59.890	ng		99
73) Carbazole	11.610	167	637547	54.455	ng		99
74) Di-n-butylphthalate	11.933	149	850288	63.007	ng		100
75) Fluoranthene	12.586	202	595971	44.503	ng		97
77) Benzidine	12.710	184	115073	39.778	ng		99
78) Pyrene	12.816	202	565632	48.595	ng		99
80) Butylbenzylphthalate	13.427	149	220994	63.115	ng		96
81) Benzo(a)anthracene	14.004	228	468737	60.924	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	75901	38.286	ng	#	99
83) Chrysene	14.039	228	427383	58.720	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	288185	77.172	ng		99
85) Di-n-octyl phthalate	14.598	149	533147	90.375	ng		99
87) Indeno(1,2,3-cd)pyrene	16.939	276	348180	35.226	ng		99
88) Benzo(b)fluoranthene	15.051	252	484101	58.416	ng		99
89) Benzo(k)fluoranthene	15.080	252	485579	60.079	ng		99
90) Benzo(a)pyrene	15.416	252	446735	61.365	ng		99
91) Dibenzo(a,h)anthracene	16.957	278	289595	35.817	ng		99
92) Benzo(g,h,i)perylene	17.380	276	245637	28.650	ng		96

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

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