Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138609.D
Acq On : 23 Jul 2024 10:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 10:41:56 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 :
SSTDCCC040

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	90059	20.000	ng		-0.01
21) Naphthalene-d8	8.139	136	354562	20.000	ng		-0.01
39) Acenaphthene-d10	9.892	164	185647	20.000	ng		-0.01
64) Phenanthrene-d10	11.374	188	305771	20.000	ng		-0.01
76) Chrysene-d12	14.015	240	142865	20.000	ng		-0.01
86) Perylene-d12	15.474	264	139932	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	461347	81.131	ng		-0.02
7) Phenol-d6	6.492	99	625937	82.745	ng		-0.01
23) Nitrobenzene-d5	7.422	82	584281	80.908	ng		-0.01
42) 2,4,6-Tribromophenol	10.680	330	138601	79.883	ng		-0.01
45) 2-Fluorobiphenyl	9.216	172	952880	80.220	ng		-0.01
79) Terphenyl-d14	12.957	244	742244	84.640	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	105380	41.843	ng		97
3) Pyridine	3.381	79	262461	42.259	ng		97
4) n-Nitrosodimethylamine	3.346	42	161371	39.913	ng		92
6) Aniline	6.522	93	290467	40.995	ng	#	86
8) 2-Chlorophenol	6.645	128	245879	40.893	ng		98
9) Benzaldehyde	6.410	77	169903	41.962	ng		98
10) Phenol	6.510	94	327620	40.802	ng		88
11) bis(2-Chloroethyl)ether	6.592	93	249786	41.319	ng		98
12) 1,3-Dichlorobenzene	6.798	146	267998	39.652	ng		98
13) 1,4-Dichlorobenzene	6.875	146	272107	39.647	ng		99
14) 1,2-Dichlorobenzene	7.028	146	253049	39.587	ng		97
15) Benzyl Alcohol	6.998	79	232335	40.925	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	448302	37.709	ng		96
17) 2-Methylphenol	7.116	107	202568	41.107	ng		96
18) Hexachloroethane	7.363	117	102873	40.772	ng		94
19) n-Nitroso-di-n-propyla...	7.269	70	184388	39.448	ng		97
20) 3+4-Methylphenols	7.269	107	254992	41.092	ng		94
22) Acetophenone	7.269	105	343791	39.923	ng		99
24) Nitrobenzene	7.439	77	296545	40.408	ng		98
25) Isophorone	7.681	82	498174	40.170	ng		99
26) 2-Nitrophenol	7.757	139	132699	42.189	ng		99
27) 2,4-Dimethylphenol	7.792	122	157437m	40.725	ng		
28) bis(2-Chloroethoxy)met...	7.886	93	297933	40.198	ng		99
29) 2,4-Dichlorophenol	7.998	162	199033	39.647	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	221773	37.922	ng		99
31) Naphthalene	8.163	128	742463	40.264	ng		100
32) Benzoic acid	7.922	122	132689	35.987	ng		93
33) 4-Chloroaniline	8.210	127	244092	37.726	ng		99
34) Hexachlorobutadiene	8.275	225	133386	37.039	ng		99
35) Caprolactam	8.586	113	63157m	38.987	ng		
36) 4-Chloro-3-methylphenol	8.692	107	221181	39.355	ng		98
37) 2-Methylnaphthalene	8.851	142	456740	38.489	ng		100
38) 1-Methylnaphthalene	8.951	142	449501	38.813	ng		98
40) 1,2,4,5-Tetrachloroben...	9.016	216	204128	39.452	ng		99
41) Hexachlorocyclopentadiene	8.998	237	78345	46.650	ng		100
43) 2,4,6-Trichlorophenol	9.128	196	130050	39.404	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	141133	38.879	ng		94
46) 1,1'-Biphenyl	9.316	154	570005	40.515	ng		99
47) 2-Chloronaphthalene	9.339	162	426340	40.112	ng		99
48) 2-Nitroaniline	9.439	65	155497	42.219	ng		97
49) Acenaphthylene	9.757	152	609160	40.368	ng		100
50) Dimethylphthalate	9.616	163	473364	39.433	ng		100
51) 2,6-Dinitrotoluene	9.680	165	109175	39.500	ng		90
52) Acenaphthene	9.928	154	416952m	41.567	ng		
53) 3-Nitroaniline	9.851	138	110030	38.840	ng		91
54) 2,4-Dinitrophenol	9.957	184	47191	34.625	ng		93
55) Dibenzofuran	10.098	168	577058	39.662	ng		100
56) 4-Nitrophenol	10.016	139	74320	35.556	ng		96
57) 2,4-Dinitrotoluene	10.080	165	143792	40.208	ng		97
58) Fluorene	10.439	166	457664	39.755	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	106489	37.170	ng		96
60) Diethylphthalate	10.310	149	452204	39.075	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	219672	38.001	ng		96
62) 4-Nitroaniline	10.463	138	109661	38.630	ng		99
63) Azobenzene	10.592	77	502925	40.421	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	73425	41.588	ng		82
66) n-Nitrosodiphenylamine	10.551	169	384568	41.978	ng		99
67) 4-Bromophenyl-phenylether	10.922	248	126086	40.120	ng		99
68) Hexachlorobenzene	10.986	284	142636	40.854	ng		98
69) Atrazine	11.075	200	111335	36.656	ng		98
70) Pentachlorophenol	11.180	266	75650	36.618	ng		99
71) Phenanthrene	11.404	178	623482	40.361	ng		100
72) Anthracene	11.457	178	620427	40.460	ng		100
73) Carbazole	11.610	167	548370	39.793	ng		99
74) Di-n-butylphthalate	11.933	149	647251	40.747	ng		99
75) Fluoranthene	12.586	202	606488	38.476	ng		97
77) Benzidine	12.710	184	130140	36.105	ng		98
78) Pyrene	12.816	202	609581	42.032	ng		99
80) Butylbenzylphthalate	13.433	149	198529	45.506	ng		98
81) Benzo(a)anthracene	14.004	228	383876	40.044	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	98625	39.927	ng	#	98
83) Chrysene	14.039	228	354647	39.107	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	211962	45.555	ng		98
85) Di-n-octyl phthalate	14.598	149	285508	38.843	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	395455	42.073	ng		98
88) Benzo(b)fluoranthene	15.051	252	310643	39.419	ng		100
89) Benzo(k)fluoranthene	15.080	252	288522	37.539	ng		100
90) Benzo(a)pyrene	15.415	252	273097	39.449	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	319639	41.573	ng		99
92) Benzo(g,h,i)perylene	17.392	276	336840	41.315	ng		97

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

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