Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041423\
Data File : BM039430.D
Acq On : 14 Apr 2023 12:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 14 14:49:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 14:49:28 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

04/17/2023
Supervised By :Jagrut Upadhyay

04/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	202425	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	808467	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	492739	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	1010675	20.000	ng		0.00
76) Chrysene-d12	21.451	240	837479	20.000	ng		0.00
86) Perylene-d12	23.833	264	866640	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1048466	78.035	ng		0.00
7) Phenol-d6	7.052	99	1406507	80.935	ng		0.00
23) Nitrobenzene-d5	9.028	82	1368736	82.284	ng		0.00
42) 2,4,6-Tribromophenol	16.010	330	534387	85.436	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	3033859	83.424	ng		0.00
79) Terphenyl-d14	19.892	244	4246521	93.682	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	217993	39.694	ng		98
3) Pyridine	3.675	79	599845	38.989	ng		97
4) n-Nitrosodimethylamine	3.593	42	234999	38.892	ng		98
6) Aniline	7.181	93	862700	40.109	ng		98
8) 2-Chlorophenol	7.422	128	555763	40.414	ng		97
9) Benzaldehyde	6.993	77	343752	34.734	ng		99
10) Phenol	7.075	94	686629	39.427	ng		98
11) bis(2-Chloroethyl)ether	7.281	93	581483	41.504	ng		99
12) 1,3-Dichlorobenzene	7.734	146	600880	41.201	ng		99
13) 1,4-Dichlorobenzene	7.887	146	604530	40.995	ng		100
14) 1,2-Dichlorobenzene	8.204	146	585365	41.513	ng		99
15) Benzyl Alcohol	8.110	79	478157	40.004	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.387	45	807834m	45.079	ng		
17) 2-Methylphenol	8.322	107	498685	40.928	ng		99
18) Hexachloroethane	8.928	117	240930	42.237	ng		99
19) n-Nitroso-di-n-propyla...	8.669	70	479988	43.207	ng		99
20) 3+4-Methylphenols	8.657	107	676795	41.336	ng		98
22) Acetophenone	8.687	105	879886	40.705	ng	#	98
24) Nitrobenzene	9.069	77	674527	40.768	ng		99
25) Isophorone	9.593	82	1357036	43.730	ng		100
26) 2-Nitrophenol	9.781	139	316999	41.447	ng		98
27) 2,4-Dimethylphenol	9.857	122	527756	41.530	ng		99
28) bis(2-Chloroethoxy)met...	10.081	93	792811	42.204	ng		100
29) 2,4-Dichlorophenol	10.328	162	524969	42.340	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	563450	42.478	ng		99
31) Naphthalene	10.710	128	1805115	41.437	ng		99
32) Benzoic acid	10.034	122	378417	38.206	ng		98
33) 4-Chloroaniline	10.840	127	760355	39.840	ng		99
34) Hexachlorobutadiene	10.987	225	344740	44.199	ng		98
35) Caprolactam	11.645	113	181824	42.235	ng		98
36) 4-Chloro-3-methylphenol	11.986	107	587881	42.975	ng		98
37) 2-Methylnaphthalene	12.328	142	1286544	42.423	ng		99
38) 1-Methylnaphthalene	12.545	142	1207520	42.524	ng		100
40) 1,2,4,5-Tetrachloroben...	12.698	216	625678	41.706	ng		100
41) Hexachlorocyclopentadiene	12.669	237	305423	37.266	ng		100
43) 2,4,6-Trichlorophenol	12.951	196	426825	41.718	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	490988	40.935	ng	98
46) 1,1'-Biphenyl	13.339	154	1601180	41.150	ng	100
47) 2-Chloronaphthalene	13.386	162	1195394	40.574	ng	99
48) 2-Nitroaniline	13.604	65	390222	39.359	ng	98
49) Acenaphthylene	14.233	152	2002561	41.357	ng	100
50) Dimethylphthalate	13.975	163	1632204	42.982	ng	100
51) 2,6-Dinitrotoluene	14.098	165	351056	42.989	ng	96
52) Acenaphthene	14.575	154	1187813	41.543	ng	100
53) 3-Nitroaniline	14.433	138	356499	37.763	ng	96
54) 2,4-Dinitrophenol	14.645	184	182164	37.668	ng	99
55) Dibenzofuran	14.910	168	1905795	41.401	ng	99
56) 4-Nitrophenol	14.775	139	233393	32.061	ng	94
57) 2,4-Dinitrotoluene	14.892	165	474527	42.956	ng	93
58) Fluorene	15.563	166	1522939	41.781	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.145	232	397534	41.662	ng	99
60) Diethylphthalate	15.333	149	1701430	44.515	ng	100
61) 4-Chlorophenyl-phenyle...	15.551	204	775550	42.931	ng	97
62) 4-Nitroaniline	15.598	138	350185m	36.147	ng	
63) Azobenzene	15.845	77	1662173	43.406	ng	98
65) 4,6-Dinitro-2-methylph...	15.657	198	278378	41.868	ng	96
66) n-Nitrosodiphenylamine	15.774	169	1320773	41.471	ng	99
67) 4-Bromophenyl-phenylether	16.451	248	470185	43.562	ng	100
68) Hexachlorobenzene	16.563	284	506127	43.247	ng	96
69) Atrazine	16.727	200	447616	44.375	ng	99
70) Pentachlorophenol	16.921	266	341608	40.685	ng	99
71) Phenanthrene	17.304	178	2291259	41.394	ng	100
72) Anthracene	17.398	178	2364782	41.898	ng	100
73) Carbazole	17.674	167	2133189	40.447	ng	100
74) Di-n-butylphthalate	18.227	149	3128051	47.946	ng	100
75) Fluoranthene	19.321	202	2681734	42.501	ng	100
77) Benzidine	19.515	184	771160	34.910	ng	99
78) Pyrene	19.686	202	2760213	46.297	ng	99
80) Butylbenzylphthalate	20.586	149	1392234	50.973	ng	100
81) Benzo(a)anthracene	21.439	228	2475810	41.917	ng	100
82) 3,3'-Dichlorobenzidine	21.374	252	828723	42.119	ng	99
83) Chrysene	21.492	228	2383236	41.797	ng	100
84) Bis(2-ethylhexyl)phtha...	21.356	149	2093227	51.890	ng	100
85) Di-n-octyl phthalate	22.274	149	3440161	47.334	ng	100
87) Indeno(1,2,3-cd)pyrene	26.315	276	2533570	39.678	ng	99
88) Benzo(b)fluoranthene	23.109	252	2212331	41.720	ng	99
89) Benzo(k)fluoranthene	23.156	252	2305529	42.684	ng	99
90) Benzo(a)pyrene	23.733	252	2169584	41.648	ng	99
91) Dibenzo(a,h)anthracene	26.327	278	2135571	39.830	ng	99
92) Benzo(g,h,i)perylene	27.074	276	2081330	39.472	ng	98

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

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