Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080823\
Data File : BP016529.D
Acq On : 08 Aug 2023 09:52
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 08 16:03:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 08 16:03:02 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

08/09/2023
Supervised By :mohammad ahmed

08/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	233879	20.000	ng		0.00
21) Naphthalene-d8	10.898	136	1094416	20.000	ng		0.00
39) Acenaphthene-d10	14.716	164	751139	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	1837914	20.000	ng		0.00
76) Chrysene-d12	21.580	240	2010026	20.000	ng	#	0.00
86) Perylene-d12	24.174	264	2547485	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	1126182	78.556	ng		0.00
7) Phenol-d6	7.205	99	1751227	89.121	ng		0.00
23) Nitrobenzene-d5	9.263	82	1570017	80.305	ng		0.00
42) 2,4,6-Tribromophenol	16.210	330	825911	74.741	ng		0.00
45) 2-Fluorobiphenyl	13.339	172	3779664	72.141	ng		0.00
79) Terphenyl-d14	20.027	244	6957971	73.124	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.428	88	206120	36.865	ng		99
3) Pyridine	3.852	79	730298	43.696	ng		99
4) n-Nitrosodimethylamine	3.775	42	252375	40.050	ng		97
6) Aniline	7.399	93	1082718	44.609	ng		99
8) 2-Chlorophenol	7.616	128	623212	41.461	ng		96
9) Benzaldehyde	7.216	77	413695	47.744	ng		98
10) Phenol	7.228	94	849145	44.499	ng		100
11) bis(2-Chloroethyl)ether	7.493	93	653709	42.143	ng		98
12) 1,3-Dichlorobenzene	7.946	146	621347	38.506	ng		99
13) 1,4-Dichlorobenzene	8.104	146	633614	38.709	ng		99
14) 1,2-Dichlorobenzene	8.416	146	623422	39.557	ng		99
15) Benzyl Alcohol	8.316	79	615901	45.878	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.599	45	765006	43.487	ng		99
17) 2-Methylphenol	8.499	107	621041	45.158	ng		98
18) Hexachloroethane	9.140	117	222298	38.074	ng		95
19) n-Nitroso-di-n-propyla...	8.881	70	561326	45.599	ng		98
20) 3+4-Methylphenols	8.834	107	859799	46.033	ng		99
22) Acetophenone	8.910	105	1083315	39.205	ng		99
24) Nitrobenzene	9.304	77	798949	39.787	ng		98
25) Isophorone	9.822	82	1583717	40.123	ng		99
26) 2-Nitrophenol	10.010	139	339987	39.851	ng		95
27) 2,4-Dimethylphenol	10.046	122	695118	39.364	ng		99
28) bis(2-Chloroethoxy)met...	10.304	93	957790	39.615	ng		99
29) 2,4-Dichlorophenol	10.528	162	652551	39.486	ng		97
30) 1,2,4-Trichlorobenzene	10.745	180	644714	36.018	ng		98
31) Naphthalene	10.951	128	2190885	38.272	ng		100
32) Benzoic acid	10.157	122	515538	44.957	ng		98
33) 4-Chloroaniline	11.075	127	1067826	41.353	ng		99
34) Hexachlorobutadiene	11.187	225	358593	33.837	ng		100
35) Caprolactam	11.892	113	286759	47.487	ng		96
36) 4-Chloro-3-methylphenol	12.163	107	806045	43.879	ng		97
37) 2-Methylnaphthalene	12.545	142	1658018	39.868	ng		99
38) 1-Methylnaphthalene	12.769	142	1566215	40.171	ng		100
40) 1,2,4,5-Tetrachloroben...	12.892	216	786282	34.446	ng		99
41) Hexachlorocyclopentadiene	12.851	237	361814	31.560	ng		98
43) 2,4,6-Trichlorophenol	13.145	196	563286	38.459	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.210	196	686191	38.617	ng	97
46) 1,1'-Biphenyl	13.551	154	2111688	36.880	ng	99
47) 2-Chloronaphthalene	13.598	162	1606253	37.184	ng	99
48) 2-Nitroaniline	13.822	65	538613	44.234	ng	96
49) Acenaphthylene	14.445	152	2761704	38.532	ng	100
50) Dimethylphthalate	14.175	163	2271999	38.815	ng	99
51) 2,6-Dinitrotoluene	14.316	165	498247	41.550	ng	95
52) Acenaphthene	14.781	154	1641231	38.508	ng	100
53) 3-Nitroaniline	14.651	138	594193	43.829	ng	94
54) 2,4-Dinitrophenol	14.845	184	227058	44.429	ng	95
55) Dibenzofuran	15.116	168	2697278	38.587	ng	100
56) 4-Nitrophenol	14.928	139	508300	47.898	ng	97
57) 2,4-Dinitrotoluene	15.092	165	690041	44.155	ng	95
58) Fluorene	15.769	166	2185839	39.803	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.328	232	587011	40.159	ng	94
60) Diethylphthalate	15.528	149	2295578	39.463	ng	98
61) 4-Chlorophenyl-phenyle...	15.757	204	1055230	38.078	ng	97
62) 4-Nitroaniline	15.816	138	623517	46.344	ng	97
63) Azobenzene	16.051	77	2233686	40.668	ng	96
65) 4,6-Dinitro-2-methylph...	15.845	198	350010	41.633	ng	98
66) n-Nitrosodiphenylamine	15.980	169	1966260	36.301	ng	100
67) 4-Bromophenyl-phenylether	16.663	248	671636	34.512	ng	96
68) Hexachlorobenzene	16.745	284	751486	34.626	ng	97
69) Atrazine	16.933	200	606750	37.666	ng	99
70) Pentachlorophenol	17.104	266	585152	38.962	ng	93
71) Phenanthrene	17.527	178	3704264	37.957	ng	99
72) Anthracene	17.622	178	3791182	38.633	ng	99
73) Carbazole	17.898	167	3725423	40.492	ng	100
74) Di-n-butylphthalate	18.410	149	4324260	40.625	ng	100
75) Fluoranthene	19.486	202	4674953	40.870	ng	98
77) Benzidine	19.680	184	1617060	46.402	ng	99
78) Pyrene	19.845	202	4983372	36.984	ng	99
80) Butylbenzylphthalate	20.704	149	2176097	41.109	ng	98
81) Benzo(a)anthracene	21.563	228	5223667	38.733	ng	100
82) 3,3'-Dichlorobenzidine	21.504	252	1781760	40.246	ng	99
83) Chrysene	21.621	228	4990239	38.749	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	3232510	40.674	ng	99
85) Di-n-octyl phthalate	22.439	149	5859539	43.839	ng	98
87) Indeno(1,2,3-cd)pyrene	26.945	276	6880956	40.064	ng	96
88) Benzo(b)fluoranthene	23.368	252	5580587	37.791	ng	99
89) Benzo(k)fluoranthene	23.421	252	5738994m	38.214	ng	
90) Benzo(a)pyrene	24.057	252	5604351	39.182	ng	99
91) Dibenzo(a,h)anthracene	26.974	278	5715388	39.904	ng	97
92) Benzo(g,h,i)perylene	27.809	276	5642369	40.880	ng	97

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

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