Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
Data File : BP016411.D
Acq On : 28 Jul 2023 08:03
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 28 08:40:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	506538	20.000	ng		0.00
21) Naphthalene-d8	10.922	136	2090640	20.000	ng		0.00
39) Acenaphthene-d10	14.734	164	1248294	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	2658098	20.000	ng		0.00
76) Chrysene-d12	21.592	240	2292477	20.000	ng		0.00
86) Perylene-d12	24.186	264	2240141	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.599	112	2632237	84.777	ng		0.00
7) Phenol-d6	7.228	99	3617704	85.006	ng		0.00
23) Nitrobenzene-d5	9.287	82	3146763	84.257	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	1294191	70.473	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	6924358	79.527	ng		0.00
79) Terphenyl-d14	20.039	244	9290404	85.607	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.464	88	513341	42.391	ng		98
3) Pyridine	3.875	79	1553052	42.905	ng		100
4) n-Nitrosodimethylamine	3.805	42	588662	43.132	ng		98
6) Aniline	7.422	93	2244354	42.695	ng		99
8) 2-Chlorophenol	7.640	128	1367509	42.006	ng		96
9) Benzaldehyde	7.240	77	900740	48.142	ng		97
10) Phenol	7.252	94	1759422	42.571	ng		99
11) bis(2-Chloroethyl)ether	7.522	93	1417072	42.180	ng		99
12) 1,3-Dichlorobenzene	7.969	146	1422986	40.717	ng		97
13) 1,4-Dichlorobenzene	8.128	146	1444496	40.746	ng		99
14) 1,2-Dichlorobenzene	8.440	146	1387953	40.663	ng		98
15) Benzyl Alcohol	8.340	79	1254606	43.150	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.622	45	1664678	43.692	ng		98
17) 2-Methylphenol	8.522	107	1260437	42.317	ng		100
18) Hexachloroethane	9.169	117	526025	41.599	ng		95
19) n-Nitroso-di-n-propyla...	8.911	70	1133013	42.496	ng		97
20) 3+4-Methylphenols	8.858	107	1712938	42.344	ng		98
22) Acetophenone	8.934	105	2165858	41.032	ng	#	99
24) Nitrobenzene	9.328	77	1622303	42.292	ng		97
25) Isophorone	9.846	82	3136818	41.602	ng		98
26) 2-Nitrophenol	10.034	139	641121	39.379	ng		96
27) 2,4-Dimethylphenol	10.069	122	1378021	40.851	ng		99
28) bis(2-Chloroethoxy)met...	10.334	93	1925398	41.688	ng		98
29) 2,4-Dichlorophenol	10.552	162	1289140	40.835	ng		98
30) 1,2,4-Trichlorobenzene	10.769	180	1339468	39.173	ng		99
31) Naphthalene	10.975	128	4411834	40.344	ng		99
32) Benzoic acid	10.205	122	833575	39.018	ng		98
33) 4-Chloroaniline	11.099	127	2006080	40.668	ng		99
34) Hexachlorobutadiene	11.210	225	761881	37.634	ng		99
35) Caprolactam	11.916	113	466412	40.432	ng		98
36) 4-Chloro-3-methylphenol	12.187	107	1446146	41.211	ng		99
37) 2-Methylnaphthalene	12.569	142	3186512	40.110	ng		99
38) 1-Methylnaphthalene	12.787	142	2990085	40.146	ng		99
40) 1,2,4,5-Tetrachloroben...	12.916	216	1484241	39.126	ng		98
41) Hexachlorocyclopentadiene	12.875	237	771329	40.485	ng		99
43) 2,4,6-Trichlorophenol	13.163	196	1003392	41.224	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	1209386	40.954	ng	96
46) 1,1'-Biphenyl	13.575	154	3871630	40.688	ng	99
47) 2-Chloronaphthalene	13.622	162	2923920	40.730	ng	99
48) 2-Nitroaniline	13.840	65	913891	45.162	ng	98
49) Acenaphthylene	14.463	152	4889002	41.045	ng	100
50) Dimethylphthalate	14.198	163	3900561	40.098	ng	100
51) 2,6-Dinitrotoluene	14.328	165	836083	41.955	ng	90
52) Acenaphthene	14.798	154	2893264	40.848	ng	99
53) 3-Nitroaniline	14.669	138	964970	42.831	ng	97
54) 2,4-Dinitrophenol	14.863	184	309545	37.884	ng	98
55) Dibenzofuran	15.134	168	4658237	40.100	ng	99
56) 4-Nitrophenol	14.940	139	752480	42.667	ng	96
57) 2,4-Dinitrotoluene	15.110	165	1119786	43.116	ng	96
58) Fluorene	15.787	166	3627101	39.743	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.345	232	949609	39.091	ng	93
60) Diethylphthalate	15.551	149	3910112	40.448	ng	99
61) 4-Chlorophenyl-phenyle...	15.775	204	1783262	38.721	ng	98
62) 4-Nitroaniline	15.834	138	945609	42.293	ng	99
63) Azobenzene	16.075	77	3843573	42.108	ng	97
65) 4,6-Dinitro-2-methylph...	15.857	198	491569	40.612	ng	92
66) n-Nitrosodiphenylamine	15.998	169	3275240	41.810	ng	100
67) 4-Bromophenyl-phenylether	16.681	248	1123350	39.912	ng	96
68) Hexachlorobenzene	16.757	284	1202125	38.299	ng	94
69) Atrazine	16.951	200	950446	40.797	ng	100
70) Pentachlorophenol	17.116	266	844509	38.880	ng	96
71) Phenanthrene	17.539	178	5718591	40.516	ng	100
72) Anthracene	17.634	178	5824715	41.041	ng	100
73) Carbazole	17.910	167	5454639	40.993	ng	99
74) Di-n-butylphthalate	18.428	149	6582181	42.757	ng	99
75) Fluoranthene	19.498	202	6542947	39.550	ng	98
77) Benzidine	19.692	184	2134235	53.696	ng	99
78) Pyrene	19.851	202	6818096	44.366	ng	99
80) Butylbenzylphthalate	20.716	149	2836989	46.991	ng	97
81) Benzo(a)anthracene	21.575	228	6393226	41.564	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	2099266	41.576	ng	99
83) Chrysene	21.633	228	6016694	40.963	ng	100
84) Bis(2-ethylhexyl)phtha...	21.463	149	4131497	45.581	ng	99
85) Di-n-octyl phthalate	22.463	149	6614020	43.386	ng	98
87) Indeno(1,2,3-cd)pyrene	26.968	276	5543084	36.703	ng	96
88) Benzo(b)fluoranthene	23.380	252	5747274	44.260	ng	99
89) Benzo(k)fluoranthene	23.433	252	5731572m	43.400	ng	
90) Benzo(a)pyrene	24.074	252	5319663	42.294	ng	99
91) Dibenzo(a,h)anthracene	26.998	278	4696465	37.289	ng	98
92) Benzo(g,h,i)perylene	27.833	276	4391594	36.183	ng	98

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

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