Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011723\
Data File : BP013495.D
Acq On : 17 Jan 2023 14:23
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Quant Time: Jan 18 03:15:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 03:32:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	521811	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	2159987	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1461907	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	3281890	20.000	ng	0.00
76) Chrysene-d12	21.404	240	2831813	20.000	ng	0.00
86) Perylene-d12	23.863	264	2506283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	2499779	84.152	ng	0.00
7) Phenol-d6	7.069	99	3502355	83.410	ng	0.00
23) Nitrobenzene-d5	9.075	82	3425613	84.258	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1881491	82.450	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	8409786	84.094	ng	0.00
79) Terphenyl-d14	19.863	244	11921926	86.070	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	502073	43.102	ng	99
3) Pyridine	3.740	79	1554547m	42.808	ng	
4) n-Nitrosodimethylamine	3.652	42	759106	43.592	ng	99
6) Aniline	7.228	93	2319691	41.342	ng	100
8) 2-Chlorophenol	7.464	128	1414773	41.153	ng	99
9) Benzaldehyde	7.040	77	988678	39.006	ng	99
10) Phenol	7.093	94	1820566	42.006	ng	100
11) bis(2-Chloroethyl)ether	7.328	93	1456529	41.458	ng	100
12) 1,3-Dichlorobenzene	7.787	146	1515554	41.844	ng	99
13) 1,4-Dichlorobenzene	7.940	146	1535693	41.603	ng	99
14) 1,2-Dichlorobenzene	8.258	146	1492607	41.390	ng	99
15) Benzyl Alcohol	8.146	79	1330052	41.109	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	2297832	42.275	ng	99
17) 2-Methylphenol	8.352	107	1321837	41.199	ng	99
18) Hexachloroethane	8.981	117	539130	41.242	ng	96
19) n-Nitroso-di-n-propyla...	8.716	70	1260103	42.045	ng	99
20) 3+4-Methylphenols	8.681	107	1848472	41.468	ng	99
22) Acetophenone	8.734	105	2308188	41.727	ng	99
24) Nitrobenzene	9.116	77	1758454	41.814	ng	99
25) Isophorone	9.646	82	3453295	41.264	ng	100
26) 2-Nitrophenol	9.828	139	859962	41.368	ng	99
27) 2,4-Dimethylphenol	9.887	122	1432154	41.848	ng	100
28) bis(2-Chloroethoxy)met...	10.122	93	2056373	41.663	ng	100
29) 2,4-Dichlorophenol	10.363	162	1500525	41.785	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	1592576	41.905	ng	99
31) Naphthalene	10.763	128	4723308	41.353	ng	100
32) Benzoic acid	10.046	122	1214650	42.554	ng	99
33) 4-Chloroaniline	10.881	127	2151956	41.244	ng	100
34) Hexachlorobutadiene	11.040	225	1016727	42.440	ng	99
35) Caprolactam	11.693	113	511349	39.963	ng	98
36) 4-Chloro-3-methylphenol	12.004	107	1632949	41.729	ng	100
37) 2-Methylnaphthalene	12.375	142	3564232	41.566	ng	99
38) 1-Methylnaphthalene	12.593	142	3358740	41.521	ng	100
40) 1,2,4,5-Tetrachloroben...	12.740	216	2010633	41.961	ng	100
41) Hexachlorocyclopentadiene	12.716	237	1107510	44.327	ng	100
43) 2,4,6-Trichlorophenol	12.981	196	1378113	41.829	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.057	196	1623130	41.985	ng	99
46)	1,1'-Biphenyl	13.381	154	4560588	41.262	ng	99
47)	2-Chloronaphthalene	13.428	162	3470792	40.943	ng	100
48)	2-Nitroaniline	13.634	65	1156418	41.445	ng	94
49)	Acenaphthylene	14.275	152	5732972	41.010	ng	100
50)	Dimethylphthalate	14.010	163	4745065	40.933	ng	100
51)	2,6-Dinitrotoluene	14.134	165	1045367	41.338	ng	98
52)	Acenaphthene	14.616	154	3410409	41.218	ng	99
53)	3-Nitroaniline	14.463	138	1111153	41.070	ng	96
54)	2,4-Dinitrophenol	14.675	184	713772	41.539	ng	98
55)	Dibenzofuran	14.951	168	5653260	41.209	ng	99
56)	4-Nitrophenol	14.775	139	895957	41.216	ng	99
57)	2,4-Dinitrotoluene	14.928	165	1432789	41.433	ng	100
58)	Fluorene	15.604	166	4523745	41.787	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.181	232	1396301	41.768	ng	100
60)	Diethylphthalate	15.375	149	4650824	40.999	ng	99
61)	4-Chlorophenyl-phenyle...	15.593	204	2428290	42.237	ng	99
62)	4-Nitroaniline	15.634	138	1145053	41.339	ng	98
63)	Azobenzene	15.887	77	4363571	41.893	ng	99
65)	4,6-Dinitro-2-methylph...	15.693	198	961424	42.836	ng	99
66)	n-Nitrosodiphenylamine	15.816	169	4041923	41.913	ng	99
67)	4-Bromophenyl-phenylether	16.492	248	1590401	42.096	ng	100
68)	Hexachlorobenzene	16.610	284	1700915	41.343	ng	99
69)	Atrazine	16.769	200	1456411	41.235	ng	99
70)	Pentachlorophenol	16.957	266	1306803	43.339	ng	99
71)	Phenanthrene	17.357	178	7189197	41.517	ng	99
72)	Anthracene	17.445	178	7317229	41.527	ng	100
73)	Carbazole	17.722	167	6544638	40.780	ng	99
74)	Di-n-butylphthalate	18.257	149	7905938	42.441	ng	100
75)	Fluoranthene	19.322	202	8595899	41.326	ng	100
77)	Benzidine	19.498	184	3544918	42.129	ng	100
78)	Pyrene	19.675	202	8783440	47.159	ng	99
80)	Butylbenzylphthalate	20.539	149	3425839	42.551	ng	98
81)	Benzo(a)anthracene	21.386	228	8159928	42.788	ng	99
82)	3,3'-Dichlorobenzidine	21.316	252	2794999	39.227	ng	99
83)	Chrysene	21.439	228	7650856	42.460	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.298	149	4725833	40.562	ng	100
85)	Di-n-octyl phthalate	22.239	149	7128904	36.043	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.433	276	6619012	36.519	ng	99
88)	Benzo(b)fluoranthene	23.110	252	6714002	45.118	ng	100
89)	Benzo(k)fluoranthene	23.157	252	6832076	47.301	ng	99
90)	Benzo(a)pyrene	23.757	252	6221494	42.557	ng	100
91)	Dibenzo(a,h)anthracene	26.445	278	5534683	36.675	ng	99
92)	Benzo(g,h,i)perylene	27.227	276	5368125	36.051	ng	98

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

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