Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022624\
Data File : BP019880.D
Acq On : 26 Feb 2024 15:47
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/27/2024
Supervised By :mohammad ahmed 02/28/2024

Quant Time: Feb 27 01:34:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 01:30:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	75105	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	323052	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	252828	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	597743	20.000	ng	0.00
76) Chrysene-d12	21.410	240	649106	20.000	ng	0.00
86) Perylene-d12	23.833	264	719602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	355463	77.684	ng	0.00
7) Phenol-d6	7.075	99	543845	79.829	ng	0.00
23) Nitrobenzene-d5	9.075	82	617036	77.110	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	359581	82.946	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1502040	80.269	ng	0.00
79) Terphenyl-d14	19.880	244	3219512	78.176	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	63279	42.460	ng	100
3) Pyridine	3.775	79	207112m	45.414	ng	
4) n-Nitrosodimethylamine	3.699	42	85367	42.796	ng	100
6) Aniline	7.234	93	328945	39.360	ng	100
8) 2-Chlorophenol	7.463	128	198458	40.221	ng	100
9) Benzaldehyde	7.052	77	152762	39.543	ng	100
10) Phenol	7.099	94	268781	39.566	ng	100
11) bis(2-Chloroethyl)ether	7.340	93	211270	39.487	ng	100
12) 1,3-Dichlorobenzene	7.787	146	215659	40.256	ng	100
13) 1,4-Dichlorobenzene	7.940	146	218709	40.316	ng	100
14) 1,2-Dichlorobenzene	8.252	146	215657	39.629	ng	100
15) Benzyl Alcohol	8.152	79	241821	40.495	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.434	45	216357	37.930	ng	100
17) 2-Methylphenol	8.352	107	202227	39.805	ng	100
18) Hexachloroethane	8.969	117	85078	40.472	ng	100
19) n-Nitroso-di-n-propyla...	8.722	70	210460	40.893	ng	100
20) 3+4-Methylphenols	8.681	107	283416	40.164	ng	100
22) Acetophenone	8.734	105	370714	36.948	ng	100
24) Nitrobenzene	9.116	77	297831	38.445	ng	100
25) Isophorone	9.646	82	557970	40.061	ng	100
26) 2-Nitrophenol	9.822	139	126667	40.863	ng	100
27) 2,4-Dimethylphenol	9.887	122	208018	40.650	ng	100
28) bis(2-Chloroethoxy)met...	10.128	93	314168	40.419	ng	100
29) 2,4-Dichlorophenol	10.357	162	234249	41.039	ng	100
30) 1,2,4-Trichlorobenzene	10.563	180	253216	40.381	ng	100
31) Naphthalene	10.751	128	697024	40.298	ng	100
32) Benzoic acid	10.052	122	179462	41.991	ng	100
33) 4-Chloroaniline	10.881	127	322866	41.085	ng	100
34) Hexachlorobutadiene	11.022	225	184773	40.520	ng	100
35) Caprolactam	11.693	113	86223	41.097	ng	100
36) 4-Chloro-3-methylphenol	12.004	107	289485	41.113	ng	100
37) 2-Methylnaphthalene	12.369	142	543878	40.506	ng	100
38) 1-Methylnaphthalene	12.587	142	510677	40.195	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	347243	40.207	ng	100
41) Hexachlorocyclopentadiene	12.693	237	188700	42.197	ng	100
43) 2,4,6-Trichlorophenol	12.981	196	229430	40.235	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	274601	40.426	ng	100
46) 1,1'-Biphenyl	13.381	154	727827	40.205	ng	100
47) 2-Chloronaphthalene	13.422	162	563689	40.117	ng	100
48) 2-Nitroaniline	13.640	65	209381	41.230	ng	100
49) Acenaphthylene	14.269	152	916307	40.252	ng	100
50) Dimethylphthalate	14.022	163	835516	40.482	ng	100
51) 2,6-Dinitrotoluene	14.145	165	179355	40.377	ng	100
52) Acenaphthene	14.610	154	551832	40.372	ng	100
53) 3-Nitroaniline	14.475	138	180853	41.131	ng	100
54) 2,4-Dinitrophenol	14.687	184	119481	43.165	ng	100
55) Dibenzofuran	14.945	168	950591	40.750	ng	100
56) 4-Nitrophenol	14.781	139	148555	43.189	ng	100
57) 2,4-Dinitrotoluene	14.934	165	261851	41.420	ng	100
58) Fluorene	15.598	166	772758	40.845	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	257207	41.285	ng	100
60) Diethylphthalate	15.381	149	840263	41.209	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	440792	40.739	ng	100
62) 4-Nitroaniline	15.639	138	196822	46.280	ng	100
63) Azobenzene	15.892	77	788681	41.549	ng	100
65) 4,6-Dinitro-2-methylph...	15.698	198	173813	42.842	ng	100
66) n-Nitrosodiphenylamine	15.816	169	698605	40.731	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	297464	40.247	ng	100
68) Hexachlorobenzene	16.598	284	321203	40.298	ng	100
69) Atrazine	16.781	200	295816	41.219	ng	100
70) Pentachlorophenol	16.951	266	247340	41.981	ng	100
71) Phenanthrene	17.351	178	1296592	40.638	ng	100
72) Anthracene	17.439	178	1329913	40.832	ng	100
73) Carbazole	17.722	167	1183395	41.024	ng	100
74) Di-n-butylphthalate	18.275	149	1500559	41.593	ng	100
75) Fluoranthene	19.322	202	1718750	41.509	ng	100
77) Benzidine	19.510	184	828105	44.413	ng	100
78) Pyrene	19.675	202	1759556	39.454	ng	100
80) Butylbenzylphthalate	20.563	149	717650	40.241	ng	100
81) Benzo(a)anthracene	21.392	228	1847916	40.106	ng	100
82) 3,3'-Dichlorobenzidine	21.327	252	711532	40.264	ng	100
83) Chrysene	21.445	228	1717765	39.786	ng	100
84) Bis(2-ethylhexyl)phtha...	21.327	149	1041185	40.671	ng	100
85) Di-n-octyl phthalate	22.269	149	1748170	41.032	ng	100
87) Indeno(1,2,3-cd)pyrene	26.380	276	2084837	41.153	ng	100
88) Benzo(b)fluoranthene	23.092	252	1728258	39.173	ng	100
89) Benzo(k)fluoranthene	23.145	252	1781690	41.178	ng	100
90) Benzo(a)pyrene	23.727	252	1716111	40.703	ng	100
91) Dibenzo(a,h)anthracene	26.404	278	1744636	40.965	ng	100
92) Benzo(g,h,i)perylene	27.157	276	1698245	41.307	ng	100

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

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