Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009046.D
Acq On : 07 Feb 2022 14:33
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP020722

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :Yogesh Patel 02/15/2022

Quant Time: Feb 07 15:16:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	233289	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	862249	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	529570	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	969267	20.000	ng		0.00
76) Chrysene-d12	21.298	240	799199	20.000	ng		0.00
86) Perylene-d12	23.692	264	892779	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1038658	79.419	ng		0.00
7) Phenol-d6	6.987	99	1350478	78.367	ng		0.00
23) Nitrobenzene-d5	8.969	82	1226434	80.213	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	535354	75.714	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	3068776	81.122	ng		0.00
79) Terphenyl-d14	19.769	244	3450239	77.636	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	163723	38.012	ng		99
3) Pyridine	3.705	79	441670	35.102	ng		96
4) n-Nitrosodimethylamine	3.616	42	164687	34.166	ng		86
6) Aniline	7.134	93	760242	38.867	ng		99
8) 2-Chlorophenol	7.375	128	571877	38.746	ng		99
9) Benzaldehyde	6.952	77	342687	39.259	ng		96
10) Phenol	7.016	94	677141	39.082	ng		95
11) bis(2-Chloroethyl)ether	7.234	93	527655	39.221	ng		98
12) 1,3-Dichlorobenzene	7.693	146	658071	38.552	ng		98
13) 1,4-Dichlorobenzene	7.840	146	670239	38.463	ng		99
14) 1,2-Dichlorobenzene	8.157	146	646633	38.291	ng		99
15) Benzyl Alcohol	8.052	79	445820	40.640	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	587533	38.746	ng		99
17) 2-Methylphenol	8.263	107	452540	38.960	ng		96
18) Hexachloroethane	8.881	117	225505	39.065	ng		98
19) n-Nitroso-di-n-propyla...	8.622	70	389551	39.481	ng		96
20) 3+4-Methylphenols	8.593	107	623039	39.192	ng		98
22) Acetophenone	8.634	105	809348	40.153	ng	#	96
24) Nitrobenzene	9.010	77	576461	39.883	ng		96
25) Isophorone	9.540	82	1000658	39.390	ng		98
26) 2-Nitrophenol	9.722	139	310192	41.494	ng		93
27) 2,4-Dimethylphenol	9.793	122	447006	39.990	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	682141	39.560	ng		100
29) 2,4-Dichlorophenol	10.263	162	561786	40.220	ng		99
30) 1,2,4-Trichlorobenzene	10.469	180	643089	39.158	ng		99
31) Naphthalene	10.651	128	1713225	38.956	ng		100
32) Benzoic acid	9.975	122	341414	38.840	ng		97
33) 4-Chloroaniline	10.769	127	700622	39.454	ng		98
34) Hexachlorobutadiene	10.940	225	400134	39.606	ng		99
35) Caprolactam	11.569	113	150992	36.866	ng		92
36) 4-Chloro-3-methylphenol	11.910	107	518168	38.890	ng		99
37) 2-Methylnaphthalene	12.269	142	1198392	38.508	ng		98
38) 1-Methylnaphthalene	12.487	142	1165530	38.328	ng		100
40) 1,2,4,5-Tetrachloroben...	12.640	216	688817	40.864	ng		100
41) Hexachlorocyclopentadiene	12.616	237	221618	40.002	ng		97
43) 2,4,6-Trichlorophenol	12.887	196	464039	41.513	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.969	196	490656	40.932	ng		96
46)	1,1'-Biphenyl	13.281	154	1566793	40.269	ng		99
47)	2-Chloronaphthalene	13.322	162	1244406	40.249	ng		99
48)	2-Nitroaniline	13.534	65	294835	41.156	ng		92
49)	Acenaphthylene	14.169	152	1864276	39.996	ng		100
50)	Dimethylphthalate	13.910	163	1430897	37.906	ng		100
51)	2,6-Dinitrotoluene	14.034	165	308226	39.150	ng		94
52)	Acenaphthene	14.510	154	1116803	39.378	ng		99
53)	3-Nitroaniline	14.363	138	316813	39.343	ng		96
54)	2,4-Dinitrophenol	14.586	184	156855	38.375	ng		95
55)	Dibenzofuran	14.851	168	1850165	38.722	ng		98
56)	4-Nitrophenol	14.698	139	220496	38.366	ng		92
57)	2,4-Dinitrotoluene	14.828	165	397034	38.616	ng	#	88
58)	Fluorene	15.498	166	1421511	38.724	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.086	232	408742m	38.964	ng		
60)	Diethylphthalate	15.275	149	1309557	36.689	ng		99
61)	4-Chlorophenyl-phenyle...	15.492	204	770288	38.620	ng		98
62)	4-Nitroaniline	15.533	138	309773	38.259	ng		89
63)	Azobenzene	15.786	77	1188515	38.485	ng		93
65)	4,6-Dinitro-2-methylph...	15.598	198	237479	39.924	ng		94
66)	n-Nitrosodiphenylamine	15.710	169	1217643	41.423	ng		99
67)	4-Bromophenyl-phenylether	16.392	248	463221	41.241	ng		99
68)	Hexachlorobenzene	16.510	284	505149	40.149	ng		95
69)	Atrazine	16.675	200	384015	39.397	ng		98
70)	Pentachlorophenol	16.863	266	268810	40.576	ng		100
71)	Phenanthrene	17.245	178	2066096	39.367	ng		98
72)	Anthracene	17.339	178	2025929	39.455	ng		99
73)	Carbazole	17.616	167	1877761	38.151	ng		99
74)	Di-n-butylphthalate	18.169	149	1923315	38.566	ng		98
75)	Fluoranthene	19.221	202	2173624	36.952	ng		96
77)	Benzidine	19.404	184	726881	43.526	ng		98
78)	Pyrene	19.569	202	2224333	39.125	ng		98
80)	Butylbenzylphthalate	20.445	149	755188	38.631	ng		98
81)	Benzo(a)anthracene	21.280	228	2051751	39.838	ng		98
82)	3,3'-Dichlorobenzidine	21.216	252	750780	42.044	ng		100
83)	Chrysene	21.333	228	1953082	39.338	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.210	149	992890	38.397	ng		98
85)	Di-n-octyl phthalate	22.127	149	1721201	41.611	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.186	276	2855352	43.044	ng		97
88)	Benzo(b)fluoranthene	22.962	252	2069570	37.655	ng		98
89)	Benzo(k)fluoranthene	23.010	252	2085644	38.036	ng		98
90)	Benzo(a)pyrene	23.586	252	1813286	39.572	ng		98
91)	Dibenzo(a,h)anthracene	26.203	278	2321553	42.586	ng		99
92)	Benzo(g,h,i)perylene	26.956	276	2307101	42.506	ng		98

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

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