Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020422\
Data File : BM034021.D
Acq On : 04 Feb 2022 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM020422

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

Quant Time: Feb 04 17:38:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 04 17:33:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.913	152	112796	20.000	ng		0.00
21) Naphthalene-d8	10.725	136	432213	20.000	ng		0.00
39) Acenaphthene-d10	14.554	164	255559	20.000	ng		0.00
64) Phenanthrene-d10	17.289	188	501239	20.000	ng		0.00
76) Chrysene-d12	21.459	240	484169	20.000	ng		0.00
86) Perylene-d12	23.841	264	497182	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.466	112	543653	78.423	ng		0.00
7) Phenol-d6	7.078	99	709945	78.866	ng		0.00
23) Nitrobenzene-d5	9.078	82	719557	79.529	ng		0.00
42) 2,4,6-Tribromophenol	16.036	330	255326	82.190	ng		0.00
45) 2-Fluorobiphenyl	13.183	172	1500590	79.661	ng		0.00
79) Terphenyl-d14	19.906	244	2082540	81.267	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.313	88	112284	37.508	ng		92
3) Pyridine	3.725	79	299307m	39.084	ng		
4) n-Nitrosodimethylamine	3.631	42	148811	37.963	ng	#	74
6) Aniline	7.237	93	401031	39.290	ng		96
8) 2-Chlorophenol	7.478	128	292819	39.582	ng		89
9) Benzaldehyde	7.048	77	195892	40.970	ng		94
10) Phenol	7.101	94	354549	39.179	ng		93
11) bis(2-Chloroethyl)ether	7.337	93	274945	39.153	ng		93
12) 1,3-Dichlorobenzene	7.801	146	330892	39.022	ng		96
13) 1,4-Dichlorobenzene	7.948	146	336099	38.767	ng		97
14) 1,2-Dichlorobenzene	8.272	146	325683	38.988	ng		99
15) Benzyl Alcohol	8.154	79	287045	40.078	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.454	45	378975	38.008	ng		97
17) 2-Methylphenol	8.360	107	245954	39.972	ng		96
18) Hexachloroethane	9.007	117	124806	39.483	ng		96
19) n-Nitroso-di-n-propyla...	8.731	70	223565	39.572	ng	#	92
20) 3+4-Methylphenols	8.689	107	337272	39.527	ng		95
22) Acetophenone	8.742	105	440810	38.947	ng	#	93
24) Nitrobenzene	9.119	77	338857	39.628	ng		92
25) Isophorone	9.654	82	555593	40.464	ng		97
26) 2-Nitrophenol	9.836	139	155549	42.272	ng		88
27) 2,4-Dimethylphenol	9.901	122	233977	40.027	ng		93
28) bis(2-Chloroethoxy)met...	10.136	93	362958	39.548	ng		98
29) 2,4-Dichlorophenol	10.372	162	268229	40.778	ng		100
30) 1,2,4-Trichlorobenzene	10.589	180	297340	39.840	ng		98
31) Naphthalene	10.778	128	908442	39.187	ng		99
32) Benzoic acid	10.036	122	187833	40.226	ng	#	84
33) 4-Chloroaniline	10.883	127	361009	39.669	ng		93
34) Hexachlorobutadiene	11.072	225	194651	39.446	ng		96
35) Caprolactam	11.666	113	82035	41.706	ng	#	79
36) 4-Chloro-3-methylphenol	12.007	107	310212	39.983	ng		99
37) 2-Methylnaphthalene	12.389	142	604636	38.815	ng		99
38) 1-Methylnaphthalene	12.607	142	593653	38.899	ng		98
40) 1,2,4,5-Tetrachloroben...	12.754	216	307880	39.748	ng		99
41) Hexachlorocyclopentadiene	12.742	237	195868	42.389	ng		98
43) 2,4,6-Trichlorophenol	12.995	196	213230	41.159	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.060	196	226467	40.654	ng		95
46) 1,1'-Biphenyl	13.395	154	784347	39.534	ng		98
47) 2-Chloronaphthalene	13.436	162	600839	39.656	ng		98
48) 2-Nitroaniline	13.630	65	199691	41.600	ng		90
49) Acenaphthylene	14.277	152	947768	40.122	ng		99
50) Dimethylphthalate	14.013	163	750271	39.396	ng		99
51) 2,6-Dinitrotoluene	14.130	165	156204	41.073	ng		92
52) Acenaphthene	14.618	154	575653	39.570	ng		98
53) 3-Nitroaniline	14.454	138	173458	41.240	ng		94
54) 2,4-Dinitrophenol	14.660	184	96317	41.649	ng		91
55) Dibenzofuran	14.954	168	927797	39.298	ng		96
56) 4-Nitrophenol	14.760	139	144249	42.297	ng	#	87
57) 2,4-Dinitrotoluene	14.913	165	213175	41.642	ng		89
58) Fluorene	15.601	166	731444	39.566	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.177	232	198779	40.852	ng		100
60) Diethylphthalate	15.371	149	763199	40.156	ng		99
61) 4-Chlorophenyl-phenyle...	15.595	204	371757	39.600	ng		95
62) 4-Nitroaniline	15.613	138	185178	42.686	ng		94
63) Azobenzene	15.883	77	753198	40.116	ng		96
65) 4,6-Dinitro-2-methylph...	15.677	198	134379	43.595	ng		83
66) n-Nitrosodiphenylamine	15.807	169	624716	40.363	ng		97
67) 4-Bromophenyl-phenylether	16.483	248	220704	40.864	ng		95
68) Hexachlorobenzene	16.607	284	239771	39.738	ng		96
69) Atrazine	16.754	200	215482	41.334	ng		99
70) Pentachlorophenol	16.942	266	159094	42.314	ng		100
71) Phenanthrene	17.336	178	1116674	39.601	ng		99
72) Anthracene	17.424	178	1100536	40.336	ng		99
73) Carbazole	17.689	167	1090092	40.290	ng		100
74) Di-n-butylphthalate	18.259	149	1226345	41.835	ng		100
75) Fluoranthene	19.342	202	1261548	40.059	ng		100
77) Benzidine	19.524	184	482489	47.923	ng		99
78) Pyrene	19.706	202	1302916	40.733	ng		100
80) Butylbenzylphthalate	20.595	149	563586	43.899	ng		97
81) Benzo(a)anthracene	21.442	228	1257683	40.128	ng		99
82) 3,3'-Dichlorobenzidine	21.377	252	462459	41.887	ng		99
83) Chrysene	21.494	228	1218481	40.146	ng		100
84) Bis(2-ethylhexyl)phtha...	21.371	149	793047	43.554	ng		99
85) Di-n-octyl phthalate	22.289	149	1327564	43.510	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.335	276	1468735	40.522	ng		100
88) Benzo(b)fluoranthene	23.118	252	1246796	41.508	ng		99
89) Benzo(k)fluoranthene	23.165	252	1186007	38.960	ng		99
90) Benzo(a)pyrene	23.735	252	1034225	40.764	ng		98
91) Dibenzo(a,h)anthracene	26.353	278	1224148	40.172	ng		97
92) Benzo(g,h,i)perylene	27.100	276	1195809	40.215	ng		98

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

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