Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020422\
Data File : BM034014.D
Acq On : 04 Feb 2022 12:06
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

Quant Time: Feb 04 16:39:44 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 16:38:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.913	152	74926	20.000	ng		0.00
21) Naphthalene-d8	10.725	136	288673	20.000	ng		0.00
39) Acenaphthene-d10	14.554	164	174671	20.000	ng		0.00
64) Phenanthrene-d10	17.289	188	360932	20.000	ng		0.00
76) Chrysene-d12	21.459	240	395135	20.000	ng		0.00
86) Perylene-d12	23.842	264	433785	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.466	112	49443	11.088	ng		0.00
7) Phenol-d6	7.072	99	62248	9.909	ng		0.00
23) Nitrobenzene-d5	9.078	82	61777	10.532	ng		0.00
42) 2,4,6-Tribromophenol	16.036	330	20182	8.522	ng		0.00
45) 2-Fluorobiphenyl	13.184	172	135825	10.940	ng		0.00
79) Terphenyl-d14	19.907	244	205865	8.640	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	11439	6.565	ng		96
3) Pyridine	3.737	79	26832m	5.332	ng		
4) n-Nitrosodimethylamine	3.637	42	15034	6.370	ng	#	83
6) Aniline	7.231	93	36027	4.940	ng		98
8) 2-Chlorophenol	7.478	128	25497	4.936	ng		82
9) Benzaldehyde	7.043	77	17963m	4.862	ng		
10) Phenol	7.096	94	31920	5.067	ng		97
11) bis(2-Chloroethyl)ether	7.331	93	25387	5.010	ng		95
12) 1,3-Dichlorobenzene	7.807	146	30877	5.404	ng		97
13) 1,4-Dichlorobenzene	7.949	146	31191	5.306	ng		96
14) 1,2-Dichlorobenzene	8.272	146	30077	5.246	ng		97
15) Benzyl Alcohol	8.154	79	23556	4.434	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.443	45	37724	5.379	ng		97
17) 2-Methylphenol	8.360	107	20106	4.393	ng		97
18) Hexachloroethane	9.001	117	11169	5.138	ng		98
19) n-Nitroso-di-n-propyla...	8.725	70	18804	4.178	ng	#	96
20) 3+4-Methylphenols	8.690	107	27995	4.378	ng		97
22) Acetophenone	8.743	105	39391	5.168	ng	#	95
24) Nitrobenzene	9.119	77	29597	5.362	ng		98
25) Isophorone	9.649	82	45021	4.358	ng		99
26) 2-Nitrophenol	9.843	139	10751	4.032	ng	#	84
27) 2,4-Dimethylphenol	9.896	122	20034	4.921	ng		91
28) bis(2-Chloroethoxy)met...	10.137	93	32092	4.876	ng		99
29) 2,4-Dichlorophenol	10.378	162	20745	4.457	ng		94
30) 1,2,4-Trichlorobenzene	10.590	180	25594	5.082	ng		94
31) Naphthalene	10.778	128	81526	5.232	ng		97
33) 4-Chloroaniline	10.884	127	30551	4.711	ng		95
34) Hexachlorobutadiene	11.072	225	17910	5.426	ng		93
35) Caprolactam	11.648	113	5491	3.313	ng	#	76
36) 4-Chloro-3-methylphenol	12.007	107	25513	4.450	ng		95
37) 2-Methylnaphthalene	12.390	142	54878	4.916	ng		98
38) 1-Methylnaphthalene	12.607	142	54270	4.980	ng		95
40) 1,2,4,5-Tetrachloroben...	12.754	216	27488	5.438	ng		98
41) Hexachlorocyclopentadiene	12.737	237	14431	4.639	ng		98
43) 2,4,6-Trichlorophenol	12.989	196	16719	4.633	ng		98
44) 2,4,5-Trichlorophenol	13.066	196	18642	4.797	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.395	154	72102	5.454	ng	97
47) 2-Chloronaphthalene	13.436	162	54307	5.384	ng	98
48) 2-Nitroaniline	13.631	65	14470	4.386	ng	91
49) Acenaphthylene	14.278	152	79042	4.863	ng	98
50) Dimethylphthalate	14.007	163	68301	4.963	ng	98
51) 2,6-Dinitrotoluene	14.125	165	11879	4.278	ng	96
52) Acenaphthene	14.619	154	51684	4.757	ng	96
53) 3-Nitroaniline	14.454	138	12249	4.033	ng	86
55) Dibenzofuran	14.948	168	85262	5.252	ng	93
56) 4-Nitrophenol	14.760	139	9230	3.704	ng	92
57) 2,4-Dinitrotoluene	14.907	165	14879	3.851	ng	97
58) Fluorene	15.595	166	67178	5.250	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.178	232	16379	4.621	ng	99
60) Diethylphthalate	15.366	149	66430	4.604	ng	99
61) 4-Chlorophenyl-phenyle...	15.595	204	33826	5.056	ng	96
62) 4-Nitroaniline	15.607	138	12070	3.784	ng	94
63) Azobenzene	15.883	77	62820	4.735	ng	96
65) 4,6-Dinitro-2-methylph...	15.672	198	8428	3.565	ng	96
66) n-Nitrosodiphenylamine	15.801	169	54636	4.864	ng	97
67) 4-Bromophenyl-phenylether	16.483	248	19535	4.764	ng	90
68) Hexachlorobenzene	16.601	284	22653	5.060	ng	98
69) Atrazine	16.748	200	18520	4.401	ng	98
70) Pentachlorophenol	16.942	266	12115	4.211	ng	91
71) Phenanthrene	17.330	178	106399	5.295	ng	96
72) Anthracene	17.424	178	99698	5.045	ng	99
73) Carbazole	17.689	167	96768	5.017	ng	98
74) Di-n-butylphthalate	18.260	149	97938	4.029	ng	99
75) Fluoranthene	19.342	202	118359	5.261	ng	99
77) Benzidine	19.524	184	36236	3.615	ng	97
78) Pyrene	19.701	202	123625	4.235	ng	97
80) Butylbenzylphthalate	20.595	149	42971	3.197	ng	99
81) Benzo(a)anthracene	21.442	228	128696	4.921	ng	99
82) 3,3'-Dichlorobenzidine	21.377	252	42768	4.573	ng	99
83) Chrysene	21.495	228	125875	5.039	ng	99
84) Bis(2-ethylhexyl)phtha...	21.377	149	64312	3.311	ng	98
85) Di-n-octyl phthalate	22.289	149	108371	3.473	ng	97
87) Indeno(1,2,3-cd)pyrene	26.330	276	163522	5.670	ng	99
88) Benzo(b)fluoranthene	23.112	252	130229	4.703	ng	99
89) Benzo(k)fluoranthene	23.165	252	135487	4.885	ng	97
90) Benzo(a)pyrene	23.736	252	109674	4.845	ng	97
91) Dibenzo(a,h)anthracene	26.347	278	137547	5.646	ng	97
92) Benzo(g,h,i)perylene	27.089	276	135306	5.837	ng	96

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

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