Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022222\
Data File : BM034038.D
Acq On : 22 Feb 2022 14:25
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 22 16:03:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:00:49 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.019	152	256435	20.000	ng		0.00
21) Naphthalene-d8	10.836	136	1067023	20.000	ng	#	0.00
39) Acenaphthene-d10	14.654	164	756144	20.000	ng		0.00
64) Phenanthrene-d10	17.395	188	1576321	20.000	ng	#	0.00
76) Chrysene-d12	21.565	240	1306593	20.000	ng		0.00
86) Perylene-d12	24.024	264	1197574	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.566	112	592509	37.413	ng		0.00
7) Phenol-d6	7.166	99	793380	41.094	ng		0.00
23) Nitrobenzene-d5	9.184	82	810174	35.665	ng		0.00
42) 2,4,6-Tribromophenol	16.136	330	361929	43.240	ng		0.00
45) 2-Fluorobiphenyl	13.289	172	2304299	40.011	ng		0.00
79) Terphenyl-d14	20.006	244	3298302	49.926	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	113858	17.778	ng		88
3) Pyridine	3.837	79	331642	17.289	ng		88
4) n-Nitrosodimethylamine	3.743	42	161260	23.307	ng	#	75
6) Aniline	7.337	93	437066	20.003	ng		92
8) 2-Chlorophenol	7.578	128	334024	21.193	ng		85
9) Benzaldehyde	7.148	77	228472m	20.663	ng		
10) Phenol	7.195	94	393762	19.782	ng		91
11) bis(2-Chloroethyl)ether	7.437	93	314920	19.389	ng		91
12) 1,3-Dichlorobenzene	7.913	146	389436m	20.716	ng		
13) 1,4-Dichlorobenzene	8.054	146	399927	22.038	ng		94
14) 1,2-Dichlorobenzene	8.378	146	390513	21.386	ng		95
15) Benzyl Alcohol	8.254	79	312266	20.996	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.560	45	419781	23.984	ng		96
17) 2-Methylphenol	8.454	107	277960	21.403	ng		95
18) Hexachloroethane	9.113	117	136656	19.922	ng	#	88
19) n-Nitroso-di-n-propyla...	8.831	70	271289	21.777	ng	#	91
20) 3+4-Methylphenols	8.784	107	383746	21.424	ng		93
22) Acetophenone	8.842	105	526475	19.730	ng	#	92
24) Nitrobenzene	9.225	77	376613	18.559	ng	#	89
25) Isophorone	9.754	82	677377	20.425	ng	#	93
26) 2-Nitrophenol	9.942	139	176696	20.556	ng	#	78
27) 2,4-Dimethylphenol	10.001	122	292360	19.446	ng		92
28) bis(2-Chloroethoxy)met...	10.242	93	452982	20.665	ng		97
29) 2,4-Dichlorophenol	10.478	162	358430	22.748	ng		95
30) 1,2,4-Trichlorobenzene	10.701	180	410881	21.463	ng		98
31) Naphthalene	10.889	128	1123023	20.247	ng		99
32) Benzoic acid	10.095	122	209560	20.913	ng	#	84
33) 4-Chloroaniline	10.983	127	470438	21.656	ng	#	90
34) Hexachlorobutadiene	11.183	225	257862	21.161	ng		96
35) Caprolactam	11.748	113	78519	17.869	ng	#	75
36) 4-Chloro-3-methylphenol	12.101	107	369099	21.478	ng	#	87
37) 2-Methylnaphthalene	12.495	142	841195	23.774	ng		97
38) 1-Methylnaphthalene	12.713	142	816457	23.109	ng		100
40) 1,2,4,5-Tetrachloroben...	12.860	216	475591	18.867	ng	#	97
41) Hexachlorocyclopentadiene	12.848	237	270175	20.536	ng		98
43) 2,4,6-Trichlorophenol	13.089	196	311148	21.453	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.160	196	317686	19.470	ng	#	91
46) 1,1'-Biphenyl	13.495	154	1169626	20.203	ng		98
47) 2-Chloronaphthalene	13.536	162	911022	19.604	ng		95
48) 2-Nitroaniline	13.724	65	223199	17.570	ng	#	78
49) Acenaphthylene	14.377	152	1389722	21.864	ng		99
50) Dimethylphthalate	14.113	163	1175865	21.702	ng		99
51) 2,6-Dinitrotoluene	14.219	165	233693	20.799	ng		85
52) Acenaphthene	14.719	154	913559	20.958	ng		99
53) 3-Nitroaniline	14.542	138	233805	20.813	ng		85
54) 2,4-Dinitrophenol	14.748	184	100269	16.731	ng	#	78
55) Dibenzofuran	15.054	168	1444227	22.910	ng		97
56) 4-Nitrophenol	14.836	139	190109	19.475	ng	#	79
57) 2,4-Dinitrotoluene	15.001	165	305340	21.890	ng	#	80
58) Fluorene	15.701	166	1166483	21.027	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.271	232	319099	23.989	ng	#	91
60) Diethylphthalate	15.471	149	1183943	20.405	ng		99
61) 4-Chlorophenyl-phenyle...	15.695	204	625808	20.513	ng		93
62) 4-Nitroaniline	15.701	138	241912	20.859	ng		84
63) Azobenzene	15.983	77	1035337	19.002	ng		92
65) 4,6-Dinitro-2-methylph...	15.765	198	176993	19.609	ng	#	70
66) n-Nitrosodiphenylamine	15.901	169	1009356	20.561	ng		98
67) 4-Bromophenyl-phenylether	16.589	248	345959	20.866	ng		92
68) Hexachlorobenzene	16.707	284	415523	20.054	ng	#	90
69) Atrazine	16.848	200	347351	23.416	ng		97
70) Pentachlorophenol	17.042	266	254969	20.010	ng		99
71) Phenanthrene	17.436	178	1782878	19.539	ng		99
72) Anthracene	17.530	178	1753348	19.636	ng		99
73) Carbazole	17.789	167	1641854	18.117	ng		99
74) Di-n-butylphthalate	18.365	149	1884745	19.300	ng		100
75) Fluoranthene	19.448	202	1926139	21.336	ng		97
77) Benzidine	19.618	184	568293	24.348	ng		99
78) Pyrene	19.806	202	1967659	23.613	ng		99
80) Butylbenzylphthalate	20.700	149	716026	14.965	ng		91
81) Benzo(a)anthracene	21.547	228	1759344	19.518	ng		98
82) 3,3'-Dichlorobenzidine	21.477	252	584395	24.144	ng		99
83) Chrysene	21.600	228	1668560	17.027	ng		100
84) Bis(2-ethylhexyl)phtha...	21.489	149	1041670	27.149	ng	#	98
85) Di-n-octyl phthalate	22.436	149	1617687	15.278	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.600	276	1693779	19.446	ng		97
88) Benzo(b)fluoranthene	23.277	252	1565500	19.205	ng		98
89) Benzo(k)fluoranthene	23.324	252	1548997	22.940	ng		98
90) Benzo(a)pyrene	23.912	252	1252081	20.067	ng		99
91) Dibenzo(a,h)anthracene	26.624	278	1430142	19.983	ng		97
92) Benzo(g,h,i)perylene	27.394	276	1372967	19.175	ng		97

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

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