Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
Data File : BM041378.D
Acq On : 11 Aug 2023 08:49
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

Quant Time: Aug 11 17:51:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 17:51:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	165544	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	683899	20.000	ng		0.00
39) Acenaphthene-d10	14.439	164	471636	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1110674	20.000	ng	#	0.00
76) Chrysene-d12	21.415	240	1179806	20.000	ng		0.00
86) Perylene-d12	23.780	264	1522640	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	756102	68.263	ng		0.00
7) Phenol-d6	6.957	99	1061218	73.914	ng		0.00
23) Nitrobenzene-d5	8.951	82	1084298	73.731	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	608079	91.152	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	2618099	70.124	ng		0.00
79) Terphenyl-d14	19.845	244	4780566	73.262	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	149822	31.619	ng		95
3) Pyridine	3.652	79	435659	34.968	ng		96
4) n-Nitrosodimethylamine	3.569	42	186580	32.381	ng		98
6) Aniline	7.110	93	646458	38.474	ng		100
8) 2-Chlorophenol	7.340	128	402370	37.211	ng		98
9) Benzaldehyde	6.922	77	272964m	36.031	ng		
10) Phenol	6.987	94	513019	36.996	ng		97
11) bis(2-Chloroethyl)ether	7.210	93	416405	37.097	ng		96
12) 1,3-Dichlorobenzene	7.657	146	429198	36.464	ng		99
13) 1,4-Dichlorobenzene	7.810	146	439726	37.169	ng		99
14) 1,2-Dichlorobenzene	8.122	146	430362	37.939	ng		100
15) Benzyl Alcohol	8.034	79	403780	44.533	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	498276	33.317	ng		95
17) 2-Methylphenol	8.234	107	382729	40.399	ng		98
18) Hexachloroethane	8.840	117	165636	37.607	ng		90
19) n-Nitroso-di-n-propyla...	8.593	70	388751	44.578	ng		96
20) 3+4-Methylphenols	8.569	107	527183	41.618	ng		95
22) Acetophenone	8.616	105	683706	37.748	ng	#	99
24) Nitrobenzene	8.993	77	546049	36.717	ng		99
25) Isophorone	9.522	82	1070245	42.872	ng		98
26) 2-Nitrophenol	9.704	139	247695	42.605	ng		96
27) 2,4-Dimethylphenol	9.769	122	397542	38.859	ng		97
28) bis(2-Chloroethoxy)met...	10.004	93	588184	37.614	ng		99
29) 2,4-Dichlorophenol	10.240	162	430311	41.710	ng		99
30) 1,2,4-Trichlorobenzene	10.439	180	460806	40.427	ng		99
31) Naphthalene	10.628	128	1363973	36.753	ng		99
32) Benzoic acid	9.951	122	335187	44.277	ng		99
33) 4-Chloroaniline	10.763	127	612398	41.291	ng		99
34) Hexachlorobutadiene	10.898	225	299323	43.663	ng		99
35) Caprolactam	11.592	113	153916	51.573	ng	#	86
36) 4-Chloro-3-methylphenol	11.898	107	485863	44.744	ng		97
37) 2-Methylnaphthalene	12.251	142	1024168	40.933	ng		99
38) 1-Methylnaphthalene	12.469	142	966965	41.292	ng		100
40) 1,2,4,5-Tetrachloroben...	12.622	216	561984	36.696	ng		99
41) Hexachlorocyclopentadiene	12.581	237	363991	44.925	ng		100
43) 2,4,6-Trichlorophenol	12.875	196	395744	40.317	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	466577	41.068	ng		97
46) 1,1'-Biphenyl	13.269	154	1327369	34.716	ng		98
47) 2-Chloronaphthalene	13.316	162	1024578	35.888	ng		98
48) 2-Nitroaniline	13.539	65	356383	39.108	ng		100
49) Acenaphthylene	14.163	152	1701922	36.934	ng		100
50) Dimethylphthalate	13.916	163	1455614	41.030	ng		99
51) 2,6-Dinitrotoluene	14.045	165	316607	43.070	ng		96
52) Acenaphthene	14.510	154	1012235	36.464	ng		99
53) 3-Nitroaniline	14.380	138	319166	38.084	ng		90
54) 2,4-Dinitrophenol	14.598	184	202263	43.608	ng		91
55) Dibenzofuran	14.845	168	1707416	37.698	ng		99
56) 4-Nitrophenol	14.704	139	218776	35.710	ng		95
57) 2,4-Dinitrotoluene	14.839	165	448797	43.045	ng		95
58) Fluorene	15.498	166	1385259	38.770	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	407262	44.269	ng		95
60) Diethylphthalate	15.280	149	1470366	42.857	ng		99
61) 4-Chlorophenyl-phenyle...	15.492	204	741511	41.414	ng		98
62) 4-Nitroaniline	15.551	138	289893	37.928	ng		94
63) Azobenzene	15.786	77	1452552	38.651	ng		98
65) 4,6-Dinitro-2-methylph...	15.604	198	287713	42.761	ng		91
66) n-Nitrosodiphenylamine	15.716	169	1213395	35.127	ng		99
67) 4-Bromophenyl-phenylether	16.392	248	473411	38.875	ng		99
68) Hexachlorobenzene	16.504	284	524829	38.758	ng		95
69) Atrazine	16.680	200	393280	43.354	ng		99
70) Pentachlorophenol	16.857	266	396355	42.271	ng		98
71) Phenanthrene	17.245	178	2222764	36.020	ng		100
72) Anthracene	17.339	178	2285200	37.443	ng		100
73) Carbazole	17.621	167	2066114	37.402	ng		99
74) Di-n-butylphthalate	18.180	149	2703954	43.317	ng		99
75) Fluoranthene	19.274	202	2833769	40.874	ng		98
77) Benzidine	19.474	184	666440	41.444	ng		100
78) Pyrene	19.639	202	2965036	35.937	ng		100
80) Butylbenzylphthalate	20.545	149	1307388	43.392	ng		97
81) Benzo(a)anthracene	21.398	228	3120375	39.014	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	1072161	41.081	ng		99
83) Chrysene	21.451	228	2963353	38.305	ng		100
84) Bis(2-ethylhexyl)phtha...	21.321	149	1968277	41.500	ng	#	96
85) Di-n-octyl phthalate	22.233	149	3541647	46.510	ng		95
87) Indeno(1,2,3-cd)pyrene	26.233	276	4073067	36.384	ng	#	94
88) Benzo(b)fluoranthene	23.062	252	3403700	37.629	ng	#	98
89) Benzo(k)fluoranthene	23.109	252	3414018	36.898	ng		98
90) Benzo(a)pyrene	23.680	252	3327758	38.288	ng	#	97
91) Dibenzo(a,h)anthracene	26.244	278	3440953	36.852	ng	#	95
92) Benzo(g,h,i)perylene	26.980	276	3235755	35.416	ng		96

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

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