Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
Data File : BM036142.D
Acq On : 08 Aug 2022 11:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

Quant Time: Aug 08 23:30:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	321129	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1441343	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	881005	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	1722466	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1463081	20.000	ng		0.00
86) Perylene-d12	23.791	264	1452319	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1487318	75.089	ng		0.02
7) Phenol-d6	7.069	99	1985197	78.767	ng		0.04
23) Nitrobenzene-d5	9.022	82	1914880	74.367	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	793008	76.728	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	4375891	73.335	ng		0.00
79) Terphenyl-d14	19.868	244	5798413	78.171	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	277132	34.722	ng	#	92
3) Pyridine	3.687	79	780301	36.458	ng		89
4) n-Nitrosodimethylamine	3.599	42	314693	35.780	ng	#	60
6) Aniline	7.187	93	1103991	39.556	ng		94
8) 2-Chlorophenol	7.428	128	838077	39.684	ng		95
9) Benzaldehyde	6.992	77	495977	37.172	ng		92
10) Phenol	7.098	94	994411	39.185	ng		90
11) bis(2-Chloroethyl)ether	7.281	93	808855	38.692	ng		95
12) 1,3-Dichlorobenzene	7.734	146	900602	38.483	ng		98
13) 1,4-Dichlorobenzene	7.886	146	925819	38.793	ng		98
14) 1,2-Dichlorobenzene	8.204	146	899276	39.052	ng		98
15) Benzyl Alcohol	8.110	79	712647	42.136	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1084028	38.997	ng		96
17) 2-Methylphenol	8.339	107	684455	40.745	ng		95
18) Hexachloroethane	8.928	117	343456	39.977	ng		97
19) n-Nitroso-di-n-propyla...	8.669	70	630357	41.176	ng	#	86
20) 3+4-Methylphenols	8.669	107	930335	40.763	ng	#	87
22) Acetophenone	8.686	105	1266933	37.132	ng	#	93
24) Nitrobenzene	9.069	77	891695	36.837	ng		95
25) Isophorone	9.592	82	1618078	38.629	ng		98
26) 2-Nitrophenol	9.775	139	478626	41.921	ng		90
27) 2,4-Dimethylphenol	9.863	122	688770	38.944	ng		99
28) bis(2-Chloroethoxy)met...	10.080	93	1117133	37.434	ng		99
29) 2,4-Dichlorophenol	10.333	162	784551	39.446	ng		100
30) 1,2,4-Trichlorobenzene	10.522	180	843865	37.440	ng		98
31) Naphthalene	10.710	128	2644332	36.901	ng		99
32) Benzoic acid	10.051	122	617523	44.046	ng		94
33) 4-Chloroaniline	10.833	127	1075922	37.255	ng		96
34) Hexachlorobutadiene	10.986	225	506213	38.220	ng		97
35) Caprolactam	11.645	113	246906	40.302	ng		95
36) 4-Chloro-3-methylphenol	11.992	107	816608	39.062	ng		100
37) 2-Methylnaphthalene	12.321	142	1802339	37.796	ng		97
38) 1-Methylnaphthalene	12.539	142	1766181	37.821	ng		98
40) 1,2,4,5-Tetrachloroben...	12.686	216	890253	37.272	ng		99
41) Hexachlorocyclopentadiene	12.657	237	600208	47.447	ng		98
43) 2,4,6-Trichlorophenol	12.945	196	636679	39.174	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	670424	39.077	ng		97
46) 1,1'-Biphenyl	13.333	154	2352387	36.639	ng		99
47) 2-Chloronaphthalene	13.374	162	1798234	36.594	ng		99
48) 2-Nitroaniline	13.598	65	522329	39.004	ng		88
49) Acenaphthylene	14.221	152	2845002	37.454	ng		100
50) Dimethylphthalate	13.968	163	2242494	37.430	ng		99
51) 2,6-Dinitrotoluene	14.086	165	465681	38.740	ng		91
52) Acenaphthene	14.563	154	1859463m	37.422	ng		
53) 3-Nitroaniline	14.427	138	536790	38.275	ng		94
54) 2,4-Dinitrophenol	14.627	184	280168	44.044	ng		88
55) Dibenzofuran	14.898	168	2741613	36.845	ng		98
56) 4-Nitrophenol	14.780	139	451043	40.188	ng		85
57) 2,4-Dinitrotoluene	14.874	165	630689	40.029	ng		98
58) Fluorene	15.545	166	2127872	36.253	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	553116	38.058	ng		96
60) Diethylphthalate	15.321	149	2304289	37.426	ng		100
61) 4-Chlorophenyl-phenyle...	15.539	204	1077604	36.819	ng		97
62) 4-Nitroaniline	15.592	138	554193m	38.411	ng		
63) Azobenzene	15.833	77	2155399	36.825	ng		93
65) 4,6-Dinitro-2-methylph...	15.633	198	380302	43.181	ng		93
66) n-Nitrosodiphenylamine	15.762	169	1836904	37.777	ng		100
67) 4-Bromophenyl-phenylether	16.433	248	656515	38.105	ng		96
68) Hexachlorobenzene	16.539	284	747741	37.825	ng		93
69) Atrazine	16.715	200	557340	40.963	ng		99
70) Pentachlorophenol	16.898	266	443356	38.294	ng		99
71) Phenanthrene	17.286	178	3217776	36.668	ng		99
72) Anthracene	17.374	178	3156707	37.156	ng		99
73) Carbazole	17.656	167	3149949	36.593	ng		99
74) Di-n-butylphthalate	18.215	149	3983652	38.767	ng		99
75) Fluoranthene	19.297	202	3481403	35.442	ng		98
77) Benzidine	19.497	184	1179932	53.775	ng		99
78) Pyrene	19.662	202	3600806	39.689	ng		99
80) Butylbenzylphthalate	20.562	149	1723597	44.017	ng		98
81) Benzo(a)anthracene	21.409	228	3361896	37.306	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	893067	40.813	ng		100
83) Chrysene	21.462	228	3174023	37.052	ng		100
84) Bis(2-ethylhexyl)phtha...	21.339	149	2472745	41.858	ng		100
85) Di-n-octyl phthalate	22.250	149	4081475	42.334	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.256	276	3711716	36.368	ng		99
88) Benzo(b)fluoranthene	23.074	252	3076262	36.153	ng		99
89) Benzo(k)fluoranthene	23.121	252	3192504	37.147	ng		99
90) Benzo(a)pyrene	23.685	252	2659340	37.249	ng		99
91) Dibenzo(a,h)anthracene	26.268	278	3120250	36.524	ng		99
92) Benzo(g,h,i)perylene	27.009	276	3006939	36.357	ng		98

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

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