Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
Data File : BM041284.D
Acq On : 04 Aug 2023 08:42
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 04 12:03:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 19:20:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.792	152	160324	20.000	ng		0.00
21) Naphthalene-d8	10.598	136	659067	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	430167	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	965460	20.000	ng		0.00
76) Chrysene-d12	21.433	240	805885	20.000	ng		0.00
86) Perylene-d12	23.803	264	768475	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	749783	69.897	ng		0.00
7) Phenol-d6	6.975	99	1055439	75.905	ng		0.00
23) Nitrobenzene-d5	8.969	82	1035131	73.040	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	543623	89.346	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	2457043	72.155	ng		0.00
79) Terphenyl-d14	19.862	244	3868788	86.799	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	140971	30.720	ng		95
3) Pyridine	3.663	79	428562	35.519	ng		95
4) n-Nitrosodimethylamine	3.581	42	177506	31.809	ng		91
6) Aniline	7.128	93	642087	39.458	ng		100
8) 2-Chlorophenol	7.357	128	399418	38.141	ng		98
9) Benzaldehyde	6.940	77	262825m	35.822	ng		
10) Phenol	7.004	94	511080	38.056	ng		98
11) bis(2-Chloroethyl)ether	7.228	93	412231	37.921	ng		97
12) 1,3-Dichlorobenzene	7.675	146	426195	37.388	ng		99
13) 1,4-Dichlorobenzene	7.828	146	434037	37.882	ng		98
14) 1,2-Dichlorobenzene	8.140	146	418592	38.103	ng		98
15) Benzyl Alcohol	8.045	79	394171	44.889	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.334	45	496152	34.255	ng		95
17) 2-Methylphenol	8.251	107	372647	40.615	ng		99
18) Hexachloroethane	8.857	117	165867	38.885	ng		93
19) n-Nitroso-di-n-propyla...	8.610	70	368140	43.589	ng		95
20) 3+4-Methylphenols	8.587	107	518535	42.268	ng		97
22) Acetophenone	8.628	105	657688	37.679	ng	#	99
24) Nitrobenzene	9.016	77	522297	36.443	ng		99
25) Isophorone	9.539	82	1015760	42.222	ng		98
26) 2-Nitrophenol	9.722	139	247253	44.131	ng		94
27) 2,4-Dimethylphenol	9.786	122	389007	39.458	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	575504	38.190	ng		99
29) 2,4-Dichlorophenol	10.257	162	422238	42.469	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	445263	40.535	ng		99
31) Naphthalene	10.651	128	1312904	36.709	ng		99
32) Benzoic acid	9.969	122	336966	45.880	ng		99
33) 4-Chloroaniline	10.781	127	595392	41.657	ng		98
34) Hexachlorobutadiene	10.916	225	286634	43.387	ng		99
35) Caprolactam	11.610	113	142099	49.407	ng	#	83
36) 4-Chloro-3-methylphenol	11.916	107	459501	43.911	ng		96
37) 2-Methylnaphthalene	12.269	142	985048	40.853	ng		99
38) 1-Methylnaphthalene	12.492	142	922627	40.883	ng		100
40) 1,2,4,5-Tetrachloroben...	12.639	216	540108	38.668	ng		97
41) Hexachlorocyclopentadiene	12.604	237	209354	28.330	ng		100
43) 2,4,6-Trichlorophenol	12.892	196	375594	41.953	ng		100

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44) 2,4,5-Trichlorophenol	12.969	196	438351	42.303	ng		96
46) 1,1'-Biphenyl	13.292	154	1240426	35.570	ng		99
47) 2-Chloronaphthalene	13.333	162	945029	36.293	ng		98
48) 2-Nitroaniline	13.557	65	328963	39.579	ng		97
49) Acenaphthylene	14.186	152	1569877	37.353	ng		100
50) Dimethylphthalate	13.933	163	1325183	40.954	ng		99
51) 2,6-Dinitrotoluene	14.063	165	286740	42.768	ng		93
52) Acenaphthene	14.527	154	920842	36.369	ng		99
53) 3-Nitroaniline	14.392	138	304155	39.676	ng		95
54) 2,4-Dinitrophenol	14.616	184	176326	41.939	ng		88
55) Dibenzofuran	14.863	168	1556905	37.689	ng		99
56) 4-Nitrophenol	14.716	139	228687	40.927	ng		96
57) 2,4-Dinitrotoluene	14.857	165	399270	42.052	ng		96
58) Fluorene	15.515	166	1244402	38.185	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	360375	42.948	ng		95
60) Diethylphthalate	15.292	149	1326780	42.400	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	680445	41.667	ng		96
62) 4-Nitroaniline	15.568	138	287807	40.918	ng		96
63) Azobenzene	15.804	77	1266042	36.936	ng		97
65) 4,6-Dinitro-2-methylph...	15.627	198	243959	41.712	ng		88
66) n-Nitrosodiphenylamine	15.733	169	1083235	36.076	ng		98
67) 4-Bromophenyl-phenylether	16.410	248	426482	40.289	ng		97
68) Hexachlorobenzene	16.521	284	468360	39.790	ng		97
69) Atrazine	16.698	200	356273	45.181	ng		99
70) Pentachlorophenol	16.874	266	341792	41.934	ng		99
71) Phenanthrene	17.268	178	1929642	35.973	ng		100
72) Anthracene	17.357	178	1987458	37.462	ng		100
73) Carbazole	17.639	167	1779746	37.064	ng		100
74) Di-n-butylphthalate	18.192	149	2405664	44.335	ng		99
75) Fluoranthene	19.292	202	2350313	39.000	ng		99
77) Benzidine	19.486	184	598289	54.469	ng		100
78) Pyrene	19.656	202	2378740	42.209	ng		100
80) Butylbenzylphthalate	20.556	149	1025117	49.810	ng		96
81) Benzo(a)anthracene	21.415	228	2165986	39.646	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	716424	40.187	ng		99
83) Chrysene	21.468	228	2015552	38.142	ng		99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1470166	45.142	ng	#	96
85) Di-n-octyl phthalate	22.250	149	2275608	43.750	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.274	276	1949304	34.501	ng	#	95
88) Benzo(b)fluoranthene	23.086	252	1836388	40.226	ng	#	98
89) Benzo(k)fluoranthene	23.133	252	1823375	39.046	ng		98
90) Benzo(a)pyrene	23.703	252	1722349	39.265	ng	#	98
91) Dibenzo(a,h)anthracene	26.279	278	1648005	34.971	ng		97
92) Benzo(g,h,i)perylene	27.027	276	1553006	33.679	ng		96

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

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