Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081623\
Data File : BM041420.D
Acq On : 16 Aug 2023 12:11
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 16 17:12:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 16:44:10 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	147056	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	599605	20.000	ng		0.00
39) Acenaphthene-d10	14.427	164	408091	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	945893	20.000	ng		0.00
76) Chrysene-d12	21.392	240	956386	20.000	ng		0.00
86) Perylene-d12	23.756	264	1043484	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	186182	21.062	ng		0.00
7) Phenol-d6	6.945	99	250533	20.872	ng		0.00
23) Nitrobenzene-d5	8.939	82	247936	19.739	ng		0.00
42) 2,4,6-Tribromophenol	15.927	330	130594	20.165	ng		0.00
45) 2-Fluorobiphenyl	13.045	172	605969	19.898	ng		0.00
79) Terphenyl-d14	19.821	244	1047310	19.056	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	39611	10.547	ng		97
3) Pyridine	3.652	79	99261	10.259	ng		98
4) n-Nitrosodimethylamine	3.569	42	45800	10.006	ng	#	97
6) Aniline	7.104	93	148228	10.385	ng		97
8) 2-Chlorophenol	7.328	128	95219	10.426	ng		99
9) Benzaldehyde	6.916	77	73751m	10.956	ng		
10) Phenol	6.975	94	120246	10.368	ng		98
11) bis(2-Chloroethyl)ether	7.198	93	97006	10.456	ng		98
12) 1,3-Dichlorobenzene	7.651	146	107024	10.544	ng		99
13) 1,4-Dichlorobenzene	7.798	146	107092	10.435	ng		98
14) 1,2-Dichlorobenzene	8.110	146	103764	10.475	ng		97
15) Benzyl Alcohol	8.022	79	84696	9.939	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	118513	10.660	ng		100
17) 2-Methylphenol	8.222	107	86790	10.469	ng		98
18) Hexachloroethane	8.828	117	40122	10.295	ng		98
19) n-Nitroso-di-n-propyla...	8.581	70	87678	10.647	ng		98
20) 3+4-Methylphenols	8.557	107	119114	10.461	ng		97
22) Acetophenone	8.604	105	155879	10.088	ng	#	99
24) Nitrobenzene	8.981	77	125363	9.995	ng		98
25) Isophorone	9.504	82	232719	10.122	ng		99
26) 2-Nitrophenol	9.692	139	51689	9.439	ng		96
27) 2,4-Dimethylphenol	9.757	122	87555	9.929	ng		94
28) bis(2-Chloroethoxy)met...	9.992	93	135377	10.116	ng		98
29) 2,4-Dichlorophenol	10.233	162	93884	9.719	ng		95
30) 1,2,4-Trichlorobenzene	10.428	180	106727	9.950	ng		99
31) Naphthalene	10.616	128	316634	10.157	ng		100
32) Benzoic acid	9.886	122	55980	7.904	ng		96
33) 4-Chloroaniline	10.751	127	130491	9.915	ng		99
34) Hexachlorobutadiene	10.880	225	71338	10.057	ng		98
35) Caprolactam	11.551	113	30480	10.178	ng		97
36) 4-Chloro-3-methylphenol	11.886	107	104845	10.198	ng		97
37) 2-Methylnaphthalene	12.233	142	235542	10.383	ng		99
38) 1-Methylnaphthalene	12.457	142	222978	10.404	ng		97
40) 1,2,4,5-Tetrachloroben...	12.604	216	129052	9.693	ng		99
41) Hexachlorocyclopentadiene	12.569	237	40957	11.605	ng		97
43) 2,4,6-Trichlorophenol	12.863	196	86499	9.707	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	99040	9.601	ng	98
46) 1,1'-Biphenyl	13.257	154	306081	9.938	ng	99
47) 2-Chloronaphthalene	13.298	162	234541	9.908	ng	99
48) 2-Nitroaniline	13.527	65	73454	9.497	ng	95
49) Acenaphthylene	14.151	152	381581	9.948	ng	99
50) Dimethylphthalate	13.898	163	325129	10.203	ng	99
51) 2,6-Dinitrotoluene	14.027	165	68979	10.101	ng	96
52) Acenaphthene	14.492	154	231048	10.071	ng	99
53) 3-Nitroaniline	14.363	138	65192	9.572	ng	97
54) 2,4-Dinitrophenol	14.586	184	34916	8.174	ng	96
55) Dibenzofuran	14.827	168	390636	10.154	ng	99
56) 4-Nitrophenol	14.698	139	43923	8.564	ng	95
57) 2,4-Dinitrotoluene	14.827	165	92859	9.949	ng	98
58) Fluorene	15.480	166	314760	10.209	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.063	232	90841	10.362	ng	97
60) Diethylphthalate	15.263	149	327114	10.274	ng	99
61) 4-Chlorophenyl-phenyle...	15.474	204	167102	10.053	ng	97
62) 4-Nitroaniline	15.533	138	58513	9.418	ng	99
63) Azobenzene	15.768	77	323513	10.085	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	55073	9.095	ng	99
66) n-Nitrosodiphenylamine	15.698	169	274945	9.875	ng	99
67) 4-Bromophenyl-phenylether	16.374	248	104874	9.675	ng	96
68) Hexachlorobenzene	16.480	284	116126	9.817	ng	97
69) Atrazine	16.662	200	92306	11.682	ng	97
70) Pentachlorophenol	16.845	266	81090	9.790	ng	99
71) Phenanthrene	17.227	178	500294	10.020	ng	99
72) Anthracene	17.321	178	499179	9.859	ng	99
73) Carbazole	17.604	167	453400	10.064	ng	99
74) Di-n-butylphthalate	18.162	149	563458	9.956	ng	99
75) Fluoranthene	19.256	202	616953	10.378	ng	99
77) Benzidine	19.468	184	124014	11.312	ng	98
78) Pyrene	19.621	202	644452	9.422	ng	99
80) Butylbenzylphthalate	20.527	149	257379	9.395	ng	97
81) Benzo(a)anthracene	21.380	228	653424	10.005	ng	100
82) 3,3'-Dichlorobenzidine	21.321	252	216300	10.240	ng	100
83) Chrysene	21.433	228	623255	10.040	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	379769	9.758	ng	98
85) Di-n-octyl phthalate	22.215	149	631131	9.917	ng	99
87) Indeno(1,2,3-cd)pyrene	26.185	276	655760	9.652	ng	99
88) Benzo(b)fluoranthene	23.033	252	603015	9.698	ng	99
89) Benzo(k)fluoranthene	23.086	252	631991	10.055	ng	100
90) Benzo(a)pyrene	23.650	252	584873	9.876	ng	99
91) Dibenzo(a,h)anthracene	26.197	278	545043	9.539	ng	99
92) Benzo(g,h,i)perylene	26.944	276	529722	9.590	ng	99

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

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