Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081623\
Data File : BM041423.D
Acq On : 16 Aug 2023 14:02
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 16 17:18:27 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 :
SSTDICC050

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	178600	20.000	ng		0.00
21) Naphthalene-d8	10.569	136	703928	20.000	ng		0.00
39) Acenaphthene-d10	14.428	164	474752	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	1064440	20.000	ng		0.00
76) Chrysene-d12	21.404	240	1032246	20.000	ng		0.01
86) Perylene-d12	23.762	264	1016827	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1037630	96.650	ng		0.00
7) Phenol-d6	6.952	99	1445260	99.139	ng		0.00
23) Nitrobenzene-d5	8.946	82	1455549	98.706	ng		0.00
42) 2,4,6-Tribromophenol	15.934	330	765825	101.649	ng		0.00
45) 2-Fluorobiphenyl	13.045	172	3396402	95.866	ng		0.00
79) Terphenyl-d14	19.833	244	5719043	96.412	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	216888	47.550	ng		99
3) Pyridine	3.646	79	623014m	53.019	ng		
4) n-Nitrosodimethylamine	3.570	42	278666	50.127	ng		100
6) Aniline	7.105	93	860526	49.640	ng		99
8) 2-Chlorophenol	7.334	128	541881	48.853	ng		98
9) Benzaldehyde	6.916	77	361452	44.210	ng		100
10) Phenol	6.981	94	697550	49.525	ng		98
11) bis(2-Chloroethyl)ether	7.205	93	555316	49.283	ng		99
12) 1,3-Dichlorobenzene	7.652	146	592787	48.084	ng		100
13) 1,4-Dichlorobenzene	7.799	146	598299	48.001	ng		98
14) 1,2-Dichlorobenzene	8.116	146	583891	48.533	ng		99
15) Benzyl Alcohol	8.028	79	538511	52.033	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.305	45	649460	48.101	ng		99
17) 2-Methylphenol	8.228	107	507295	50.384	ng		98
18) Hexachloroethane	8.828	117	230142	48.623	ng		100
19) n-Nitroso-di-n-propyla...	8.593	70	498175	49.812	ng		99
20) 3+4-Methylphenols	8.563	107	701798	50.750	ng		98
22) Acetophenone	8.605	105	894237	49.296	ng	#	99
24) Nitrobenzene	8.987	77	730391	49.603	ng		99
25) Isophorone	9.516	82	1350557	50.037	ng		100
26) 2-Nitrophenol	9.693	139	330584	51.420	ng		99
27) 2,4-Dimethylphenol	9.757	122	519225	50.157	ng		98
28) bis(2-Chloroethoxy)met...	9.999	93	769647	48.989	ng		99
29) 2,4-Dichlorophenol	10.228	162	574346	50.644	ng		99
30) 1,2,4-Trichlorobenzene	10.434	180	619106	49.165	ng		99
31) Naphthalene	10.616	128	1779400	48.618	ng		100
32) Benzoic acid	9.969	122	443650	53.359	ng		97
33) 4-Chloroaniline	10.751	127	789942	51.124	ng		100
34) Hexachlorobutadiene	10.887	225	412587	49.544	ng		99
35) Caprolactam	11.593	113	186629	53.084	ng		93
36) 4-Chloro-3-methylphenol	11.887	107	617448	51.157	ng		98
37) 2-Methylnaphthalene	12.240	142	1327975	49.866	ng		99
38) 1-Methylnaphthalene	12.457	142	1248052	49.605	ng		98
40) 1,2,4,5-Tetrachloroben...	12.604	216	741439	47.868	ng		98
41) Hexachlorocyclopentadiene	12.569	237	376755	47.530	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	512281	49.418	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	600328	50.026	ng	97
46) 1,1'-Biphenyl	13.257	154	1723077	48.092	ng	99
47) 2-Chloronaphthalene	13.304	162	1337563	48.572	ng	99
48) 2-Nitroaniline	13.534	65	468521	52.070	ng	95
49) Acenaphthylene	14.151	152	2200802	49.319	ng	99
50) Dimethylphthalate	13.904	163	1832219	49.424	ng	100
51) 2,6-Dinitrotoluene	14.034	165	400240	50.378	ng	97
52) Acenaphthene	14.498	154	1310281	49.094	ng	99
53) 3-Nitroaniline	14.369	138	419137	52.899	ng	99
54) 2,4-Dinitrophenol	14.587	184	269389	54.210	ng	96
55) Dibenzofuran	14.834	168	2198224	49.118	ng	100
56) 4-Nitrophenol	14.687	139	328192	55.008	ng	98
57) 2,4-Dinitrotoluene	14.828	165	569953	52.493	ng	96
58) Fluorene	15.486	166	1778559	49.587	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.063	232	507671	49.777	ng	99
60) Diethylphthalate	15.269	149	1867768	50.427	ng	100
61) 4-Chlorophenyl-phenyle...	15.481	204	954434	49.358	ng	99
62) 4-Nitroaniline	15.539	138	406762	56.275	ng	99
63) Azobenzene	15.775	77	1897046	50.834	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	369923	54.290	ng	98
66) n-Nitrosodiphenylamine	15.704	169	1540576	49.167	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	598417	49.059	ng	97
68) Hexachlorobenzene	16.486	284	655117	49.214	ng	98
69) Atrazine	16.669	200	418252	47.038	ng	98
70) Pentachlorophenol	16.839	266	475440	51.005	ng	100
71) Phenanthrene	17.233	178	2760683	49.133	ng	99
72) Anthracene	17.322	178	2826700	49.612	ng	99
73) Carbazole	17.610	167	2569089	50.676	ng	100
74) Di-n-butylphthalate	18.163	149	3325583	52.217	ng	100
75) Fluoranthene	19.257	202	3399294	50.815	ng	99
77) Benzidine	19.463	184	568664	48.061	ng	99
78) Pyrene	19.622	202	3540927	47.965	ng	99
80) Butylbenzylphthalate	20.527	149	1528340	51.689	ng	98
81) Benzo(a)anthracene	21.386	228	3512323	49.827	ng	99
82) 3,3'-Dichlorobenzidine	21.327	252	1155959	50.703	ng	100
83) Chrysene	21.439	228	3273282	48.852	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	2205687	52.507	ng	99
85) Di-n-octyl phthalate	22.227	149	3572245	52.008	ng	100
87) Indeno(1,2,3-cd)pyrene	26.209	276	2908377	43.930	ng	99
88) Benzo(b)fluoranthene	23.051	252	3146324	51.929	ng	99
89) Benzo(k)fluoranthene	23.098	252	3047386	49.756	ng	99
90) Benzo(a)pyrene	23.662	252	2886224	50.014	ng	100
91) Dibenzo(a,h)anthracene	26.221	278	2471529	44.389	ng	99
92) Benzo(g,h,i)perylene	26.962	276	2280179	42.362	ng	98

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

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