Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013024\
Data File : BM043921.D
Acq On : 30 Jan 2024 11:41
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 31 00:34:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 00:30:25 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	307408	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1278757	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	733413	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1500654	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1389912	20.000	ng		0.00
86) Perylene-d12	23.927	264	1573533	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	405184	19.709	ng		0.00
7) Phenol-d6	7.081	99	525369	19.293	ng		0.00
23) Nitrobenzene-d5	9.086	82	487460	19.064	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	144282	17.492	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	1109857	19.550	ng		0.00
79) Terphenyl-d14	19.956	244	1615220	19.818	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	87617	10.335	ng		100
3) Pyridine	3.787	79	229521	10.004	ng		97
4) n-Nitrosodimethylamine	3.710	42	93581	9.401	ng	#	91
6) Aniline	7.245	93	254980	9.779	ng		98
8) 2-Chlorophenol	7.481	128	212500	9.926	ng		98
9) Benzaldehyde	7.063	77	175680	11.608	ng		96
10) Phenol	7.104	94	264306	9.828	ng		97
11) bis(2-Chloroethyl)ether	7.351	93	219762	9.916	ng		98
12) 1,3-Dichlorobenzene	7.804	146	250127	10.075	ng		99
13) 1,4-Dichlorobenzene	7.957	146	253005	10.109	ng		97
14) 1,2-Dichlorobenzene	8.269	146	240492	10.031	ng		99
15) Benzyl Alcohol	8.163	79	164711	9.392	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	306121m	10.006	ng		
17) 2-Methylphenol	8.363	107	165715	9.746	ng		98
18) Hexachloroethane	8.992	117	91748	9.775	ng		99
19) n-Nitroso-di-n-propyla...	8.734	70	171312	9.957	ng		98
20) 3+4-Methylphenols	8.692	107	220777	9.523	ng		99
22) Acetophenone	8.751	105	334022	9.913	ng	#	98
24) Nitrobenzene	9.134	77	249149	9.647	ng		99
25) Isophorone	9.657	82	440154	9.473	ng		99
26) 2-Nitrophenol	9.839	139	61538	9.875	ng		99
27) 2,4-Dimethylphenol	9.898	122	130546	9.317	ng		98
28) bis(2-Chloroethoxy)met...	10.151	93	286951	9.752	ng		98
29) 2,4-Dichlorophenol	10.369	162	162201	9.027	ng		98
30) 1,2,4-Trichlorobenzene	10.586	180	217963	9.869	ng		100
31) Naphthalene	10.775	128	698947	9.870	ng		100
32) Benzoic acid	9.975	122	55963m	10.112	ng		
33) 4-Chloroaniline	10.892	127	253791	9.568	ng		99
34) Hexachlorobutadiene	11.051	225	125127	9.788	ng		98
35) Caprolactam	11.657	113	46156	8.190	ng		95
36) 4-Chloro-3-methylphenol	12.010	107	178073	9.036	ng		97
37) 2-Methylnaphthalene	12.386	142	462411	9.726	ng		98
38) 1-Methylnaphthalene	12.610	142	457748	9.763	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	221289	9.763	ng		100
41) Hexachlorocyclopentadiene	12.722	237	65834	8.634	ng		96
43) 2,4,6-Trichlorophenol	12.998	196	111944	8.423	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.063	196	138598	9.029	ng		98
46)	1,1'-Biphenyl	13.404	154	589873	9.842	ng		99
47)	2-Chloronaphthalene	13.439	162	466986	9.843	ng		99
48)	2-Nitroaniline	13.651	65	96662	7.906	ng		97
49)	Acenaphthylene	14.286	152	671435	9.678	ng		100
50)	Dimethylphthalate	14.033	163	526524	9.715	ng		100
51)	2,6-Dinitrotoluene	14.151	165	98613	8.831	ng		95
52)	Acenaphthene	14.627	154	425943	9.677	ng		97
53)	3-Nitroaniline	14.474	138	104844	8.733	ng	#	95
54)	2,4-Dinitrophenol	14.680	184	21741	10.464	ng		96
55)	Dibenzofuran	14.963	168	672510	9.964	ng		97
56)	4-Nitrophenol	14.774	139	74783	7.457	ng		97
57)	2,4-Dinitrotoluene	14.933	165	116112	10.341	ng		89
58)	Fluorene	15.615	166	545810	9.704	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.186	232	107330	8.870	ng		99
60)	Diethylphthalate	15.398	149	538257	9.617	ng		99
61)	4-Chlorophenyl-phenyle...	15.615	204	273460	9.965	ng		99
62)	4-Nitroaniline	15.639	138	108459	8.569	ng		96
63)	Azobenzene	15.910	77	564223	9.758	ng		100
65)	4,6-Dinitro-2-methylph...	15.692	198	33423	10.455	ng		94
66)	n-Nitrosodiphenylamine	15.833	169	439850	9.487	ng		100
67)	4-Bromophenyl-phenylether	16.515	248	156809	9.586	ng		97
68)	Hexachlorobenzene	16.610	284	188607	9.861	ng		98
69)	Atrazine	16.792	200	120859	9.697	ng		97
70)	Pentachlorophenol	16.957	266	78958	7.152	ng		98
71)	Phenanthrene	17.357	178	809858	9.769	ng		99
72)	Anthracene	17.451	178	774118	9.534	ng		99
73)	Carbazole	17.727	167	756032	9.587	ng		99
74)	Di-n-butylphthalate	18.309	149	809779	8.716	ng		99
75)	Fluoranthene	19.380	202	910315	9.487	ng		99
77)	Benzidine	19.574	184	75297	6.715	ng		99
78)	Pyrene	19.745	202	952797	9.517	ng		100
80)	Butylbenzylphthalate	20.668	149	250270	10.680	ng		97
81)	Benzo(a)anthracene	21.497	228	937788	9.623	ng		99
82)	3,3'-Dichlorobenzidine	21.439	252	240982	8.343	ng		99
83)	Chrysene	21.550	228	907682	9.804	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.456	149	468254	10.355	ng		100
85)	Di-n-octyl phthalate	22.403	149	667473	11.731	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.427	276	1058523	9.250	ng		100
88)	Benzo(b)fluoranthene	23.191	252	958704	9.507	ng		98
89)	Benzo(k)fluoranthene	23.244	252	912380	9.315	ng		99
90)	Benzo(a)pyrene	23.821	252	791965	9.154	ng		100
91)	Dibenzo(a,h)anthracene	26.462	278	891643	9.362	ng		99
92)	Benzo(g,h,i)perylene	27.191	276	910561	9.572	ng		99

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

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