Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071724\
Data File : BM046689.D
Acq On : 18 Jul 2024 04:32
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 05:57:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 18 05:50:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.492	152	89320	20.000	ng		0.00
21) Naphthalene-d8	10.251	136	336322	20.000	ng		0.00
39) Acenaphthene-d10	14.139	164	262312	20.000	ng		0.00
64) Phenanthrene-d10	16.892	188	631779	20.000	ng		0.00
76) Chrysene-d12	21.121	240	573728	20.000	ng		0.00
86) Perylene-d12	23.885	264	636661	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.134	112	527995	120.067	ng		0.00
7) Phenol-d6	6.692	99	676896	120.883	ng		0.00
23) Nitrobenzene-d5	8.639	82	783612	120.970	ng		0.00
42) 2,4,6-Tribromophenol	15.639	330	504568	124.012	ng		0.00
45) 2-Fluorobiphenyl	12.751	172	2222557	119.683	ng		0.00
79) Terphenyl-d14	19.550	244	3965740	125.001	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	78066	58.493	ng		96
3) Pyridine	3.510	79	241109m	61.477	ng		
4) n-Nitrosodimethylamine	3.428	42	177972	61.426	ng		96
6) Aniline	6.834	93	294208	60.792	ng		99
8) 2-Chlorophenol	7.063	128	295634	60.060	ng		98
9) Benzaldehyde	6.645	77	183630	53.721	ng		96
10) Phenol	6.722	94	325801	59.870	ng		95
11) bis(2-Chloroethyl)ether	6.934	93	243557	60.243	ng		98
12) 1,3-Dichlorobenzene	7.381	146	388038	59.688	ng		98
13) 1,4-Dichlorobenzene	7.522	146	397575	60.216	ng		97
14) 1,2-Dichlorobenzene	7.833	146	373981	59.457	ng		99
15) Benzyl Alcohol	7.739	79	275984	60.513	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.028	45	247109	58.469	ng		99
17) 2-Methylphenol	7.945	107	234680	60.548	ng		97
18) Hexachloroethane	8.551	117	146648	61.163	ng		98
19) n-Nitroso-di-n-propyla...	8.298	70	215305	60.908	ng		97
20) 3+4-Methylphenols	8.275	107	326433	61.300	ng		96
22) Acetophenone	8.310	105	458649	59.305	ng	#	99
24) Nitrobenzene	8.675	77	376054	59.204	ng		97
25) Isophorone	9.204	82	586964	60.249	ng		99
26) 2-Nitrophenol	9.375	139	190600	62.645	ng		96
27) 2,4-Dimethylphenol	9.457	122	198342	60.040	ng		100
28) bis(2-Chloroethoxy)met...	9.686	93	330758	59.555	ng		99
29) 2,4-Dichlorophenol	9.910	162	356135	60.019	ng		98
30) 1,2,4-Trichlorobenzene	10.122	180	435754	59.946	ng		100
31) Naphthalene	10.298	128	1005968	60.210	ng		100
32) Benzoic acid	9.639	122	254905	63.314	ng		99
33) 4-Chloroaniline	10.422	127	385121	61.866	ng		99
34) Hexachlorobutadiene	10.592	225	292983	59.582	ng		98
35) Caprolactam	11.227	113	98186	62.480	ng		96
36) 4-Chloro-3-methylphenol	11.569	107	337679	61.681	ng		96
37) 2-Methylnaphthalene	11.927	142	767997	60.533	ng		97
38) 1-Methylnaphthalene	12.145	142	759346	60.926	ng		100
40) 1,2,4,5-Tetrachloroben...	12.304	216	499510	58.558	ng		99
41) Hexachlorocyclopentadiene	12.286	237	140269	67.210	ng		98
43) 2,4,6-Trichlorophenol	12.557	196	335100	59.681	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.627	196	381510	60.939	ng	99
46) 1,1'-Biphenyl	12.963	154	1092088	59.841	ng	99
47) 2-Chloronaphthalene	12.998	162	896196	59.394	ng	99
48) 2-Nitroaniline	13.216	65	250457	63.264	ng	98
49) Acenaphthylene	13.857	152	1272713	60.713	ng	99
50) Dimethylphthalate	13.615	163	1098250	60.540	ng	99
51) 2,6-Dinitrotoluene	13.727	165	262634	62.628	ng	98
52) Acenaphthene	14.204	154	818799	60.910	ng	98
53) 3-Nitroaniline	14.057	138	237884	62.676	ng	97
54) 2,4-Dinitrophenol	14.262	184	145842	61.000	ng	99
55) Dibenzofuran	14.539	168	1386298	60.930	ng	100
56) 4-Nitrophenol	14.386	139	211975	64.358	ng	99
57) 2,4-Dinitrotoluene	14.521	165	382083	62.915	ng	98
58) Fluorene	15.192	166	1203388	61.885	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.774	232	352831	61.193	ng	99
60) Diethylphthalate	14.992	149	1137658	60.791	ng	99
61) 4-Chlorophenyl-phenyle...	15.198	204	634951	60.714	ng	99
62) 4-Nitroaniline	15.227	138	269670	63.016	ng	99
63) Azobenzene	15.492	77	930951	61.269	ng	100
65) 4,6-Dinitro-2-methylph...	15.286	198	207364	63.165	ng	94
66) n-Nitrosodiphenylamine	15.415	169	1001207	61.108	ng	98
67) 4-Bromophenyl-phenylether	16.092	248	427015	59.848	ng	98
68) Hexachlorobenzene	16.198	284	516446	59.930	ng	99
69) Atrazine	16.386	200	322739	56.121	ng	96
70) Pentachlorophenol	16.551	266	382875	62.624	ng	99
71) Phenanthrene	16.933	178	1901409	60.603	ng	99
72) Anthracene	17.027	178	1877107	60.472	ng	99
73) Carbazole	17.303	167	1780159	60.603	ng	99
74) Di-n-butylphthalate	17.886	149	1996213	60.784	ng	100
75) Fluoranthene	18.962	202	2456659	60.934	ng	99
77) Benzidine	19.162	184	834698	72.707	ng	99
78) Pyrene	19.327	202	2514241	61.558	ng	99
80) Butylbenzylphthalate	20.256	149	913112	61.891	ng	99
81) Benzo(a)anthracene	21.103	228	2316384	61.012	ng	99
82) 3,3'-Dichlorobenzidine	21.039	252	820222	62.165	ng	99
83) Chrysene	21.162	228	2181129	61.618	ng	100
84) Bis(2-ethylhexyl)phtha...	21.062	149	1191476	60.556	ng	99
85) Di-n-octyl phthalate	22.121	149	2025267	61.068	ng	100
87) Indeno(1,2,3-cd)pyrene	26.973	276	2492793	60.434	ng	99
88) Benzo(b)fluoranthene	23.021	252	2400312	61.233	ng	99
89) Benzo(k)fluoranthene	23.085	252	2276282	61.523	ng	99
90) Benzo(a)pyrene	23.762	252	2096328	61.818	ng	99
91) Dibenzo(a,h)anthracene	27.026	278	2069707	60.453	ng	100
92) Benzo(g,h,i)perylene	27.944	276	2159718	61.133	ng	97

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

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