Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020524\
Data File : BM043980.D
Acq On : 05 Feb 2024 16:25
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM020524

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

Quant Time: Feb 06 07:08:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	275406	20.000	ng		0.00
21) Naphthalene-d8	10.727	136	1280603	20.000	ng		0.00
39) Acenaphthene-d10	14.562	164	805729	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1785835	20.000	ng		0.00
76) Chrysene-d12	21.521	240	1861127	20.000	ng		0.00
86) Perylene-d12	23.932	264	2196412	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	1472479	78.955	ng		0.00
7) Phenol-d6	7.086	99	2203371	79.962	ng		0.00
23) Nitrobenzene-d5	9.092	82	2119086	79.768	ng		0.00
42) 2,4,6-Tribromophenol	16.056	330	821548	83.646	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	4659695	79.465	ng		0.00
79) Terphenyl-d14	19.962	244	8049489	83.492	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	275750	38.258	ng		100
3) Pyridine	3.793	79	887711	40.472	ng		99
4) n-Nitrosodimethylamine	3.716	42	355391	37.690	ng		92
6) Aniline	7.251	93	1096489	39.993	ng		98
8) 2-Chlorophenol	7.486	128	818949	39.551	ng		99
9) Benzaldehyde	7.069	77	522371	41.900	ng		99
10) Phenol	7.116	94	1086994	39.675	ng		98
11) bis(2-Chloroethyl)ether	7.357	93	834419	38.859	ng		97
12) 1,3-Dichlorobenzene	7.810	146	867744	38.815	ng		99
13) 1,4-Dichlorobenzene	7.957	146	883715	39.087	ng		99
14) 1,2-Dichlorobenzene	8.269	146	867667	38.914	ng		99
15) Benzyl Alcohol	8.169	79	755294	39.990	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1125628m	39.090	ng		
17) 2-Methylphenol	8.369	107	702725	40.125	ng		97
18) Hexachloroethane	8.998	117	329135	38.794	ng		99
19) n-Nitroso-di-n-propyla...	8.739	70	726660	40.077	ng		99
20) 3+4-Methylphenols	8.698	107	998638	40.400	ng		100
22) Acetophenone	8.751	105	1368402	39.437	ng	#	99
24) Nitrobenzene	9.133	77	1047421	39.297	ng		97
25) Isophorone	9.663	82	2011134	40.667	ng		100
26) 2-Nitrophenol	9.845	139	455022	42.239	ng		98
27) 2,4-Dimethylphenol	9.904	122	608943	41.168	ng		98
28) bis(2-Chloroethoxy)met...	10.151	93	1194816	39.563	ng		99
29) 2,4-Dichlorophenol	10.374	162	775835	41.122	ng		99
30) 1,2,4-Trichlorobenzene	10.586	180	833523	39.117	ng		98
31) Naphthalene	10.774	128	2836883	39.744	ng		99
32) Benzoic acid	10.033	122	627508	39.813	ng		93
33) 4-Chloroaniline	10.898	127	1192752	40.655	ng		99
34) Hexachlorobutadiene	11.051	225	455810	39.221	ng		99
35) Caprolactam	11.680	113	324441	41.936	ng		99
36) 4-Chloro-3-methylphenol	12.016	107	940839	40.723	ng		97
37) 2-Methylnaphthalene	12.386	142	1979719	39.772	ng		100
38) 1-Methylnaphthalene	12.610	142	1971655	39.678	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	906474	39.667	ng		100
41) Hexachlorocyclopentadiene	12.721	237	294228	39.148	ng		99
43) 2,4,6-Trichlorophenol	12.998	196	649426	42.052	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.068	196	732186	41.556	ng	98
46) 1,1'-Biphenyl	13.404	154	2514127	39.679	ng	100
47) 2-Chloronaphthalene	13.445	162	2010619	39.790	ng	99
48) 2-Nitroaniline	13.657	65	671989	40.889	ng	96
49) Acenaphthylene	14.286	152	3104698	40.195	ng	99
50) Dimethylphthalate	14.039	163	2470978	39.482	ng	99
51) 2,6-Dinitrotoluene	14.157	165	565894	41.135	ng	97
52) Acenaphthene	14.633	154	1930143	39.418	ng	99
53) 3-Nitroaniline	14.486	138	662085	41.456	ng	100
54) 2,4-Dinitrophenol	14.686	184	295124	38.825	ng	93
55) Dibenzofuran	14.968	168	2983163	39.148	ng	99
56) 4-Nitrophenol	14.786	139	581697	41.678	ng	95
57) 2,4-Dinitrotoluene	14.939	165	797724	41.656	ng	97
58) Fluorene	15.615	166	2553133	39.674	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	611192	40.237	ng	99
60) Diethylphthalate	15.404	149	2570737	39.678	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	1184665	39.458	ng	98
62) 4-Nitroaniline	15.645	138	726448	41.602	ng	99
63) Azobenzene	15.909	77	2565839	39.651	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	411171	38.631	ng	99
66) n-Nitrosodiphenylamine	15.833	169	2133645	40.109	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	710261	40.373	ng	99
68) Hexachlorobenzene	16.609	284	831136	39.624	ng	98
69) Atrazine	16.792	200	616629	41.899	ng	99
70) Pentachlorophenol	16.962	266	589905	42.829	ng	98
71) Phenanthrene	17.362	178	3950172	39.713	ng	100
72) Anthracene	17.451	178	3932532	40.382	ng	99
73) Carbazole	17.727	167	4048807	40.145	ng	99
74) Di-n-butylphthalate	18.309	149	4488977	40.585	ng	100
75) Fluoranthene	19.380	202	4861609	39.523	ng	100
77) Benzidine	19.580	184	1423595	60.288	ng	100
78) Pyrene	19.744	202	5172161	40.429	ng	100
80) Butylbenzylphthalate	20.668	149	2126675	41.981	ng	100
81) Benzo(a)anthracene	21.503	228	5229507	40.052	ng	100
82) 3,3'-Dichlorobenzidine	21.444	252	1752000	41.964	ng	100
83) Chrysene	21.562	228	4944202	39.524	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	3132225	41.577	ng	99
85) Di-n-octyl phthalate	22.403	149	5395216	41.572	ng	99
87) Indeno(1,2,3-cd)pyrene	26.444	276	6499391	39.546	ng	100
88) Benzo(b)fluoranthene	23.203	252	5596065	40.504	ng	99
89) Benzo(k)fluoranthene	23.250	252	5351132	40.370	ng	99
90) Benzo(a)pyrene	23.827	252	4947567	40.514	ng	100
91) Dibenzo(a,h)anthracene	26.473	278	5356593	39.520	ng	100
92) Benzo(g,h,i)perylene	27.215	276	5389555	38.984	ng	100

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

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