Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011722\
Data File : BM033751.D
Acq On : 17 Jan 2022 16:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM011722

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022

Quant Time: Jan 17 17:31:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 17 16:30:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.954	152	195431	20.000	ng		0.00
21) Naphthalene-d8	10.772	136	870884	20.000	ng		0.00
39) Acenaphthene-d10	14.595	164	590355	20.000	ng		0.00
64) Phenanthrene-d10	17.330	188	1258261	20.000	ng		0.00
76) Chrysene-d12	21.494	240	1197135	20.000	ng		0.00
86) Perylene-d12	23.906	264	1091014	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.501	112	851032	73.172	ng		0.00
7) Phenol-d6	7.119	99	1206214	73.615	ng		0.00
23) Nitrobenzene-d5	9.125	82	1276771	72.148	ng		0.00
42) 2,4,6-Tribromophenol	16.077	330	589979	73.712	ng		0.00
45) 2-Fluorobiphenyl	13.224	172	2967426	70.715	ng		0.00
79) Terphenyl-d14	19.942	244	4804580	66.555	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	166727	36.688	ng	#	90
3) Pyridine	3.749	79	484042	36.880	ng		94
4) n-Nitrosodimethylamine	3.654	42	226105	36.729	ng	#	67
6) Aniline	7.272	93	701491	36.881	ng		97
8) 2-Chlorophenol	7.519	128	493336	36.614	ng		89
9) Benzaldehyde	7.084	77	334268	38.666	ng		89
10) Phenol	7.142	94	608022	37.000	ng		93
11) bis(2-Chloroethyl)ether	7.372	93	478606	36.213	ng		93
12) 1,3-Dichlorobenzene	7.842	146	545326	36.588	ng		94
13) 1,4-Dichlorobenzene	7.989	146	559211	36.469	ng		95
14) 1,2-Dichlorobenzene	8.313	146	546722	36.562	ng		98
15) Benzyl Alcohol	8.195	79	512181	36.966	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.495	45	660152	36.090	ng		96
17) 2-Methylphenol	8.401	107	437690	36.665	ng		95
18) Hexachloroethane	9.048	117	208659	36.801	ng		95
19) n-Nitroso-di-n-propyla...	8.772	70	420433	35.815	ng	#	90
20) 3+4-Methylphenols	8.731	107	620101	37.178	ng		94
22) Acetophenone	8.784	105	820918	35.702	ng	#	92
24) Nitrobenzene	9.166	77	598547	35.945	ng	#	90
25) Isophorone	9.695	82	1108581	35.570	ng		97
26) 2-Nitrophenol	9.878	139	295713	36.764	ng	#	84
27) 2,4-Dimethylphenol	9.942	122	442891	36.060	ng		95
28) bis(2-Chloroethoxy)met...	10.178	93	700644	35.283	ng		99
29) 2,4-Dichlorophenol	10.419	162	510471	36.351	ng		98
30) 1,2,4-Trichlorobenzene	10.636	180	541603	35.644	ng		98
31) Naphthalene	10.825	128	1676635	35.665	ng		99
32) Benzoic acid	10.095	122	389019	39.469	ng	#	88
33) 4-Chloroaniline	10.925	127	710932	36.341	ng	#	93
34) Hexachlorobutadiene	11.119	225	357387	35.892	ng		97
35) Caprolactam	11.725	113	182526	36.499	ng	#	75
36) 4-Chloro-3-methylphenol	12.054	107	622148	35.970	ng		96
37) 2-Methylnaphthalene	12.430	142	1187193	35.251	ng		99
38) 1-Methylnaphthalene	12.648	142	1163570	35.394	ng		100
40) 1,2,4,5-Tetrachloroben...	12.795	216	614104	35.948	ng		99
41) Hexachlorocyclopentadiene	12.783	237	376088	35.769	ng		99
43) 2,4,6-Trichlorophenol	13.036	196	443561	36.364	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.107	196	479658	36.516	ng		96
46) 1,1'-Biphenyl	13.436	154	1595848	35.718	ng		98
47) 2-Chloronaphthalene	13.477	162	1215330	35.647	ng		98
48) 2-Nitroaniline	13.671	65	417341	37.429	ng	#	86
49) Acenaphthylene	14.318	152	1977853	36.004	ng		99
50) Dimethylphthalate	14.054	163	1667247	35.844	ng		99
51) 2,6-Dinitrotoluene	14.166	165	343683	36.617	ng		90
52) Acenaphthene	14.660	154	1329181m	36.196	ng		
53) 3-Nitroaniline	14.495	138	383846	37.396	ng		88
54) 2,4-Dinitrophenol	14.695	184	223990	39.425	ng	#	88
55) Dibenzofuran	14.989	168	1960034	35.720	ng		97
56) 4-Nitrophenol	14.795	139	322453	38.283	ng		88
57) 2,4-Dinitrotoluene	14.948	165	489318	37.471	ng		85
58) Fluorene	15.636	166	1547841	35.789	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.218	232	436710	36.457	ng		99
60) Diethylphthalate	15.413	149	1751107	35.905	ng		100
61) 4-Chlorophenyl-phenyle...	15.630	204	802278	35.482	ng		96
62) 4-Nitroaniline	15.654	138	408027	37.850	ng		92
63) Azobenzene	15.924	77	1619731	36.122	ng		92
65) 4,6-Dinitro-2-methylph...	15.712	198	316979	38.462	ng	#	82
66) n-Nitrosodiphenylamine	15.842	169	1391756	35.540	ng		99
67) 4-Bromophenyl-phenylether	16.524	248	503802	35.240	ng		98
68) Hexachlorobenzene	16.642	284	547969	35.112	ng		96
69) Atrazine	16.789	200	523590	35.693	ng		99
70) Pentachlorophenol	16.983	266	375468	37.433	ng		98
71) Phenanthrene	17.371	178	2472812	35.302	ng		99
72) Anthracene	17.465	178	2461555	35.731	ng		100
73) Carbazole	17.730	167	2422717	36.033	ng		99
74) Di-n-butylphthalate	18.295	149	3089290	36.455	ng		100
75) Fluoranthene	19.377	202	2878740	36.703	ng		99
77) Benzidine	19.553	184	1072150	35.300	ng		100
78) Pyrene	19.742	202	2942473	33.269	ng		99
80) Butylbenzylphthalate	20.636	149	1442870	35.434	ng		92
81) Benzo(a)anthracene	21.483	228	2851365	35.987	ng		98
82) 3,3'-Dichlorobenzidine	21.412	252	1034265	36.503	ng		98
83) Chrysene	21.536	228	2721441	35.958	ng		99
84) Bis(2-ethylhexyl)phtha...	21.412	149	2108414	35.833	ng		98
85) Di-n-octyl phthalate	22.336	149	3600864	38.085	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.435	276	2428340	33.478	ng		100
88) Benzo(b)fluoranthene	23.171	252	2530599	36.334	ng		99
89) Benzo(k)fluoranthene	23.224	252	2576455	36.938	ng		98
90) Benzo(a)pyrene	23.800	252	2073901	36.427	ng		99
91) Dibenzo(a,h)anthracene	26.453	278	2064391	33.692	ng		97
92) Benzo(g,h,i)perylene	27.206	276	1908470	32.732	ng		98

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

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