Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071724\
Data File : BM046685.D
Acq On : 18 Jul 2024 01:52
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

Quant Time: Jul 18 05:52:46 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	7.487	152	100520	20.000	ng		0.00
21) Naphthalene-d8	10.251	136	378897	20.000	ng		0.00
39) Acenaphthene-d10	14.139	164	281991	20.000	ng		0.00
64) Phenanthrene-d10	16.892	188	665264	20.000	ng		0.00
76) Chrysene-d12	21.115	240	630616	20.000	ng		0.00
86) Perylene-d12	23.886	264	690945	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.134	112	96836	19.567	ng		0.00
7) Phenol-d6	6.687	99	127403	20.217	ng		0.00
23) Nitrobenzene-d5	8.634	82	141821	19.434	ng		0.00
42) 2,4,6-Tribromophenol	15.633	330	83980	19.200	ng		0.00
45) 2-Fluorobiphenyl	12.751	172	397646	19.919	ng		0.00
79) Terphenyl-d14	19.545	244	653478	18.740	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	15573	10.368	ng		98
3) Pyridine	3.522	79	43854	9.936	ng		99
4) n-Nitrosodimethylamine	3.428	42	32601	9.998	ng		99
6) Aniline	6.828	93	53995	9.914	ng		98
8) 2-Chlorophenol	7.063	128	55544	10.027	ng		100
9) Benzaldehyde	6.646	77	42868	11.144	ng		95
10) Phenol	6.716	94	61137	9.983	ng		95
11) bis(2-Chloroethyl)ether	6.934	93	45914	10.091	ng		98
12) 1,3-Dichlorobenzene	7.381	146	72804	9.951	ng		99
13) 1,4-Dichlorobenzene	7.522	146	73495	9.891	ng		99
14) 1,2-Dichlorobenzene	7.834	146	71755	10.137	ng		96
15) Benzyl Alcohol	7.734	79	52472	10.223	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.016	45	47299	9.945	ng		99
17) 2-Methylphenol	7.940	107	43329	9.933	ng		93
18) Hexachloroethane	8.546	117	25525	9.460	ng		88
19) n-Nitroso-di-n-propyla...	8.293	70	39244	9.865	ng		99
20) 3+4-Methylphenols	8.263	107	58269	9.723	ng		93
22) Acetophenone	8.304	105	86501	9.928	ng	#	96
24) Nitrobenzene	8.669	77	70463	9.847	ng		94
25) Isophorone	9.198	82	106901	9.740	ng		99
26) 2-Nitrophenol	9.375	139	32119	9.370	ng		95
27) 2,4-Dimethylphenol	9.457	122	36909	9.917	ng		96
28) bis(2-Chloroethoxy)met...	9.687	93	61143	9.772	ng		98
29) 2,4-Dichlorophenol	9.910	162	64749	9.686	ng		99
30) 1,2,4-Trichlorobenzene	10.116	180	80172	9.790	ng		96
31) Naphthalene	10.298	128	183510	9.749	ng		98
32) Benzoic acid	9.563	122	42345m	9.336	ng		
33) 4-Chloroaniline	10.416	127	67481	9.622	ng		100
34) Hexachlorobutadiene	10.592	225	54777	9.888	ng		97
35) Caprolactam	11.192	113	16140	9.117	ng		95
36) 4-Chloro-3-methylphenol	11.557	107	58501	9.485	ng		93
37) 2-Methylnaphthalene	11.922	142	138965	9.722	ng		96
38) 1-Methylnaphthalene	12.145	142	136908	9.751	ng		97
40) 1,2,4,5-Tetrachloroben...	12.304	216	92100	10.044	ng		99
41) Hexachlorocyclopentadiene	12.287	237	17826	7.945	ng		98
43) 2,4,6-Trichlorophenol	12.551	196	60219	9.976	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.628	196	65674	9.758	ng	#	96
46) 1,1'-Biphenyl	12.963	154	194867	9.933	ng		99
47) 2-Chloronaphthalene	12.998	162	164573	10.146	ng		97
48) 2-Nitroaniline	13.210	65	41456	9.741	ng		96
49) Acenaphthylene	13.851	152	220194	9.771	ng		98
50) Dimethylphthalate	13.604	163	190783	9.783	ng		99
51) 2,6-Dinitrotoluene	13.716	165	43087	9.558	ng		96
52) Acenaphthene	14.198	154	141300	9.778	ng		99
53) 3-Nitroaniline	14.045	138	38828	9.516	ng		98
54) 2,4-Dinitrophenol	14.257	184	15609	10.905	ng		94
55) Dibenzofuran	14.539	168	241381	9.869	ng		100
56) 4-Nitrophenol	14.380	139	32402	9.151	ng		98
57) 2,4-Dinitrotoluene	14.516	165	61529	9.425	ng		93
58) Fluorene	15.192	166	202955	9.709	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.775	232	61471	9.917	ng		98
60) Diethylphthalate	14.986	149	196138	9.749	ng		97
61) 4-Chlorophenyl-phenyle...	15.198	204	109941	9.779	ng		97
62) 4-Nitroaniline	15.216	138	45471	9.884	ng		98
63) Azobenzene	15.486	77	159570	9.769	ng		96
65) 4,6-Dinitro-2-methylph...	15.280	198	27169	7.859	ng		94
66) n-Nitrosodiphenylamine	15.416	169	167912	9.733	ng		96
67) 4-Bromophenyl-phenylether	16.092	248	74667	9.938	ng		93
68) Hexachlorobenzene	16.198	284	89419	9.854	ng		97
69) Atrazine	16.380	200	66596	10.998	ng		98
70) Pentachlorophenol	16.545	266	61671	9.579	ng		96
71) Phenanthrene	16.933	178	320500	9.701	ng		99
72) Anthracene	17.021	178	316626	9.687	ng		100
73) Carbazole	17.298	167	303630	9.816	ng		99
74) Di-n-butylphthalate	17.886	149	332135	9.604	ng		99
75) Fluoranthene	18.957	202	415208	9.780	ng		99
77) Benzidine	19.157	184	109398	8.670	ng		99
78) Pyrene	19.321	202	427234	9.517	ng		99
80) Butylbenzylphthalate	20.257	149	152975	9.433	ng		98
81) Benzo(a)anthracene	21.098	228	400978	9.609	ng		97
82) 3,3'-Dichlorobenzidine	21.039	252	136536	9.415	ng		99
83) Chrysene	21.157	228	379194	9.746	ng		98
84) Bis(2-ethylhexyl)phtha...	21.062	149	209649	9.694	ng		99
85) Di-n-octyl phthalate	22.121	149	346108	9.495	ng		99
87) Indeno(1,2,3-cd)pyrene	26.956	276	437393	9.771	ng	#	97
88) Benzo(b)fluoranthene	23.015	252	409218	9.619	ng		99
89) Benzo(k)fluoranthene	23.074	252	388670	9.680	ng		100
90) Benzo(a)pyrene	23.750	252	354473	9.632	ng		98
91) Dibenzo(a,h)anthracene	27.009	278	369459	9.944	ng		99
92) Benzo(g,h,i)perylene	27.909	276	377939	9.857	ng		97

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

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