Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043024\
Data File : BM045646.D
Acq On : 30 Apr 2024 15:12
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 01 06:23:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 06:17:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.522	152	15767	20.000	ng		0.00
21) Naphthalene-d8	10.286	136	56113	20.000	ng		0.00
39) Acenaphthene-d10	14.180	164	28974	20.000	ng		0.00
64) Phenanthrene-d10	16.945	188	59918	20.000	ng		0.00
76) Chrysene-d12	21.162	240	67825	20.000	ng		0.00
86) Perylene-d12	23.350	264	103159	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.157	112	9530	8.958	ng		0.00
7) Phenol-d6	6.716	99	10532	8.428	ng		0.00
23) Nitrobenzene-d5	8.692	82	10363	8.582	ng		0.00
42) 2,4,6-Tribromophenol	15.692	330	2545	7.653	ng		0.00
45) 2-Fluorobiphenyl	12.786	172	21432	10.086	ng		0.00
79) Terphenyl-d14	19.604	244	30126	9.299	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	2156	5.032	ng	#	87
3) Pyridine	3.587	79	4699	4.696	ng	#	83
4) n-Nitrosodimethylamine	3.510	42	2756	4.229	ng	#	67
6) Aniline	6.881	93	5259	4.567	ng	#	95
8) 2-Chlorophenol	7.093	128	4727	4.586	ng		91
9) Benzaldehyde	6.710	77	4626	6.009	ng		97
10) Phenol	6.751	94	5838	4.608	ng		95
11) bis(2-Chloroethyl)ether	6.981	93	4503	4.713	ng		86
12) 1,3-Dichlorobenzene	7.410	146	6133	5.096	ng	#	91
13) 1,4-Dichlorobenzene	7.563	146	6157m	5.077	ng		
14) 1,2-Dichlorobenzene	7.863	146	5969	5.134	ng		92
15) Benzyl Alcohol	7.793	79	3652	4.479	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.063	45	5049m	4.771	ng		
17) 2-Methylphenol	7.981	107	4031	4.910	ng	#	89
18) Hexachloroethane	8.563	117	2858	5.352	ng		93
19) n-Nitroso-di-n-propyla...	8.340	70	3208	4.502	ng	#	94
20) 3+4-Methylphenols	8.328	107	4313	4.003	ng	#	73
22) Acetophenone	8.363	105	6466	4.613	ng	#	87
24) Nitrobenzene	8.734	77	5775	4.687	ng	#	97
25) Isophorone	9.251	82	8278	4.553	ng	#	94
26) 2-Nitrophenol	9.445	139	1601	6.262	ng	#	79
27) 2,4-Dimethylphenol	9.522	122	2518	4.503	ng		93
28) bis(2-Chloroethoxy)met...	9.757	93	4722	4.512	ng	#	91
29) 2,4-Dichlorophenol	9.987	162	3087	4.084	ng		90
30) 1,2,4-Trichlorobenzene	10.157	180	4607	5.187	ng		84
31) Naphthalene	10.339	128	14284	4.956	ng	#	94
33) 4-Chloroaniline	10.504	127	4007m	4.085	ng		
34) Hexachlorobutadiene	10.598	225	2557	5.144	ng		87
36) 4-Chloro-3-methylphenol	11.633	107	3388	4.342	ng	#	73
37) 2-Methylnaphthalene	11.975	142	8445	4.733	ng		98
38) 1-Methylnaphthalene	12.186	142	8907	4.902	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.345	216	3725	5.019	ng	#	96
43) 2,4,6-Trichlorophenol	12.616	196	1932	3.892	ng	#	73
44) 2,4,5-Trichlorophenol	12.692	196	2407	4.269	ng	#	84
46) 1,1'-Biphenyl	13.004	154	11001	5.129	ng		95
47) 2-Chloronaphthalene	13.045	162	9207	5.391	ng		96

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Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	13.298	65	2107	3.994	ng		88
49) Acenaphthylene	13.898	152	12060	4.789	ng		99
50) Dimethylphthalate	13.663	163	9510	4.877	ng	#	90
51) 2,6-Dinitrotoluene	13.792	165	1673	3.927	ng		97
52) Acenaphthene	14.245	154	8199	5.232	ng	#	80
53) 3-Nitroaniline	14.157	138	1101	5.375	ng	#	95
55) Dibenzofuran	14.586	168	12089	4.963	ng		98
57) 2,4-Dinitrotoluene	14.604	165	2178	3.772	ng	#	85
58) Fluorene	15.239	166	9724	4.813	ng	#	98
59) 2,3,4,6-Tetrachlorophenol	14.827	232	1792	4.193	ng	#	92
60) Diethylphthalate	15.033	149	11184	5.266	ng	#	90
61) 4-Chlorophenyl-phenyle...	15.245	204	4303	4.876	ng		92
62) 4-Nitroaniline	15.345	138	779	5.612	ng		86
63) Azobenzene	15.539	77	11483	4.689	ng		98
66) n-Nitrosodiphenylamine	15.469	169	7799	4.797	ng	#	89
67) 4-Bromophenyl-phenylether	16.145	248	2820	5.199	ng	#	81
68) Hexachlorobenzene	16.245	284	3237	4.751	ng		96
69) Atrazine	16.439	200	2269	4.722	ng		95
71) Phenanthrene	16.986	178	14819	4.950	ng		96
72) Anthracene	17.086	178	14260m	4.799	ng		
73) Carbazole	17.380	167	14292	4.709	ng		97
74) Di-n-butylphthalate	17.933	149	16516	4.545	ng	#	93
75) Fluoranthene	19.027	202	18258	4.973	ng		97
78) Pyrene	19.392	202	20032	5.001	ng		93
80) Butylbenzylphthalate	20.315	149	8131	4.410	ng		100
81) Benzo(a)anthracene	21.150	228	21766	5.199	ng		93
82) 3,3'-Dichlorobenzidine	21.109	252	6965	4.393	ng		97
83) Chrysene	21.203	228	21173	5.176	ng		97
84) Bis(2-ethylhexyl)phtha...	21.092	149	12838	4.555	ng		99
85) Di-n-octyl phthalate	21.962	149	21075	4.254	ng	#	85
87) Indeno(1,2,3-cd)pyrene	25.521	276	39644	5.038	ng		97
88) Benzo(b)fluoranthene	22.697	252	28852	5.151	ng		99
89) Benzo(k)fluoranthene	22.739	252	28057	5.233	ng		98
90) Benzo(a)pyrene	23.250	252	25058	4.944	ng		97
91) Dibenzo(a,h)anthracene	25.538	278	31778	4.874	ng		98
92) Benzo(g,h,i)perylene	26.185	276	34393	5.190	ng		99

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

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