Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043024\
Data File : BM045649.D
Acq On : 30 Apr 2024 17:04
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 01 06:25:41 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

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	18306	20.000	ng	0.00
21) Naphthalene-d8	10.286	136	70214	20.000	ng	0.00
39) Acenaphthene-d10	14.174	164	38464	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	80095	20.000	ng	0.00
76) Chrysene-d12	21.162	240	86826	20.000	ng	0.00
86) Perylene-d12	23.350	264	127312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.151	112	101441	82.128	ng	0.00
7) Phenol-d6	6.716	99	120784	83.251	ng	0.00
23) Nitrobenzene-d5	8.686	82	125266	82.902	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	36309	82.250	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	220782	78.268	ng	0.00
79) Terphenyl-d14	19.597	244	334517	80.655	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	19885	39.970	ng	100
3) Pyridine	3.557	79	53576	46.116	ng	100
4) n-Nitrosodimethylamine	3.487	42	33540	44.327	ng	100
6) Aniline	6.875	93	56269	42.090	ng	100
8) 2-Chlorophenol	7.092	128	49385	41.264	ng	100
9) Benzaldehyde	6.698	77	34311	38.385	ng	100
10) Phenol	6.739	94	59119	40.187	ng	100
11) bis(2-Chloroethyl)ether	6.975	93	45561	41.069	ng	100
12) 1,3-Dichlorobenzene	7.404	146	57013	40.799	ng	100
13) 1,4-Dichlorobenzene	7.557	146	55926	39.716	ng	100
14) 1,2-Dichlorobenzene	7.863	146	54209	40.156	ng	100
15) Benzyl Alcohol	7.781	79	38125	40.270	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.051	45	51093	41.582	ng	100
17) 2-Methylphenol	7.969	107	39965	41.928	ng	100
18) Hexachloroethane	8.563	117	24712	39.861	ng	100
19) n-Nitroso-di-n-propyla...	8.333	70	35589	43.018	ng	100
20) 3+4-Methylphenols	8.304	107	52635	42.079	ng	100
22) Acetophenone	8.351	105	71694	40.873	ng	100
24) Nitrobenzene	8.728	77	63370	41.105	ng	100
25) Isophorone	9.245	82	95561	42.008	ng	100
26) 2-Nitrophenol	9.428	139	24307	39.439	ng	100
27) 2,4-Dimethylphenol	9.486	122	29153	41.666	ng	100
28) bis(2-Chloroethoxy)met...	9.733	93	53841	41.113	ng	100
29) 2,4-Dichlorophenol	9.957	162	39278	41.525	ng	100
30) 1,2,4-Trichlorobenzene	10.151	180	43984	39.576	ng	100
31) Naphthalene	10.333	128	144173	39.974	ng	100
32) Benzoic acid	9.645	122	32481m	40.043	ng	
33) 4-Chloroaniline	10.480	127	52036	42.390	ng	100
34) Hexachlorobutadiene	10.598	225	25008	40.206	ng	100
35) Caprolactam	11.292	113	12490	40.760	ng	100
36) 4-Chloro-3-methylphenol	11.604	107	40799	41.785	ng	100
37) 2-Methylnaphthalene	11.963	142	88511	39.648	ng	100
38) 1-Methylnaphthalene	12.180	142	90385	39.751	ng	100
40) 1,2,4,5-Tetrachloroben...	12.333	216	39649	40.244	ng	100
41) Hexachlorocyclopentadiene	12.292	237	13229	41.061	ng	100
43) 2,4,6-Trichlorophenol	12.592	196	27277	41.392	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.674	196	31470	42.043	ng	100
46) 1,1'-Biphenyl	12.998	154	113813	39.972	ng	100
47) 2-Chloronaphthalene	13.039	162	89964	39.682	ng	100
48) 2-Nitroaniline	13.280	65	30391	43.392	ng	100
49) Acenaphthylene	13.898	152	133869	40.044	ng	100
50) Dimethylphthalate	13.657	163	106713	41.225	ng	100
51) 2,6-Dinitrotoluene	13.786	165	24304	42.976	ng	100
52) Acenaphthene	14.239	154	83008	39.898	ng	100
53) 3-Nitroaniline	14.127	138	25874	40.010	ng	100
54) 2,4-Dinitrophenol	14.351	184	10949	38.351	ng	100
55) Dibenzofuran	14.580	168	127380	39.389	ng	100
56) 4-Nitrophenol	14.445	139	20704	45.984	ng	100
57) 2,4-Dinitrotoluene	14.592	165	32895	42.912	ng	100
58) Fluorene	15.239	166	104888	39.105	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.815	232	23892	42.115	ng	100
60) Diethylphthalate	15.033	149	113092	40.108	ng	100
61) 4-Chlorophenyl-phenyle...	15.239	204	45388	38.745	ng	100
62) 4-Nitroaniline	15.304	138	24459	38.438	ng	100
63) Azobenzene	15.533	77	133741	41.139	ng	100
65) 4,6-Dinitro-2-methylph...	15.357	198	16295	41.698	ng	100
66) n-Nitrosodiphenylamine	15.462	169	84946	39.088	ng	100
67) 4-Bromophenyl-phenylether	16.139	248	28041	38.674	ng	100
68) Hexachlorobenzene	16.233	284	34673	38.073	ng	100
69) Atrazine	16.433	200	25854	40.247	ng	100
70) Pentachlorophenol	16.598	266	22236	40.873	ng	100
71) Phenanthrene	16.986	178	156060	38.994	ng	100
72) Anthracene	17.080	178	155010	39.025	ng	100
73) Carbazole	17.368	167	159114	39.218	ng	100
74) Di-n-butylphthalate	17.933	149	193614	39.856	ng	100
75) Fluoranthene	19.015	202	189067	38.525	ng	100
77) Benzidine	19.239	184	74065	50.794	ng	100
78) Pyrene	19.386	202	205761	40.124	ng	100
80) Butylbenzylphthalate	20.309	149	96792	41.011	ng	100
81) Benzo(a)anthracene	21.150	228	208575	38.915	ng	100
82) 3,3'-Dichlorobenzidine	21.097	252	80418	39.619	ng	100
83) Chrysene	21.203	228	203666	38.892	ng	100
84) Bis(2-ethylhexyl)phtha...	21.091	149	149173	41.343	ng	100
85) Di-n-octyl phthalate	21.962	149	262992	41.468	ng	100
87) Indeno(1,2,3-cd)pyrene	25.526	276	369907	38.089	ng	100
88) Benzo(b)fluoranthene	22.697	252	270015	39.062	ng	100
89) Benzo(k)fluoranthene	22.738	252	247212	37.361	ng	100
90) Benzo(a)pyrene	23.250	252	244262	39.048	ng	100
91) Dibenzo(a,h)anthracene	25.538	278	304434	37.836	ng	100
92) Benzo(g,h,i)perylene	26.185	276	316953	38.754	ng	100

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

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