Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051424\
Data File : BM045728.D
Acq On : 14 May 2024 12:08
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 15 01:29:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 01:27:35 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

05/15/2024
Supervised By :mohammad ahmed

05/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.581	152	67161	20.000	ng		0.00
21) Naphthalene-d8	10.351	136	253510	20.000	ng	#	0.00
39) Acenaphthene-d10	14.210	164	148978	20.000	ng		0.00
64) Phenanthrene-d10	16.956	188	341409	20.000	ng	#	0.00
76) Chrysene-d12	21.168	240	273545	20.000	ng	#	0.00
86) Perylene-d12	23.974	264	319043	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.263	112	42614	10.215	ng		0.00
7) Phenol-d6	6.863	99	47978	9.594	ng		0.01
23) Nitrobenzene-d5	8.751	82	63115	10.564	ng		0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	12.839	172	106954	9.742	ng		0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.210	88	6919	5.381	ng		94
3) Pyridine	3.675	79	21658m	4.738	ng		
4) n-Nitrosodimethylamine	3.528	42	13915m	5.030	ng		
6) Aniline	6.975	93	23597	5.576	ng		94
8) 2-Chlorophenol	7.187	128	19702	5.133	ng		97
9) Benzaldehyde	6.763	77	20884	5.735	ng		95
10) Phenol	6.887	94	24436	5.188	ng		97
11) bis(2-Chloroethyl)ether	7.045	93	21973	5.512	ng		98
12) 1,3-Dichlorobenzene	7.469	146	25090	5.064	ng		98
13) 1,4-Dichlorobenzene	7.616	146	25579	5.052	ng		97
14) 1,2-Dichlorobenzene	7.934	146	23734	5.123	ng		95
15) Benzyl Alcohol	7.898	79	21376	4.625	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.139	45	22029	5.482	ng		94
17) 2-Methylphenol	8.098	107	15805	4.798	ng		93
18) Hexachloroethane	8.645	117	10803	4.781	ng		92
19) n-Nitroso-di-n-propyla...	8.439	70	17315	4.518	ng	#	93
20) 3+4-Methylphenols	8.434	107	22654	4.737	ng	#	78
22) Acetophenone	8.445	105	33658	5.334	ng	#	95
24) Nitrobenzene	8.792	77	31471	5.481	ng		94
25) Isophorone	9.363	82	43501	5.162	ng	#	95
26) 2-Nitrophenol	9.492	139	9367	4.843	ng		94
27) 2,4-Dimethylphenol	9.610	122	12631	5.244	ng		92
28) bis(2-Chloroethoxy)met...	9.822	93	24814	5.218	ng		98
29) 2,4-Dichlorophenol	10.045	162	16152	4.665	ng		91
30) 1,2,4-Trichlorobenzene	10.210	180	21420	5.099	ng		97
31) Naphthalene	10.398	128	61687	4.861	ng		97
33) 4-Chloroaniline	10.575	127	22567	4.928	ng		94
34) Hexachlorobutadiene	10.686	225	14079	5.086	ng		95
36) 4-Chloro-3-methylphenol	11.727	107	19052	4.397	ng		96
37) 2-Methylnaphthalene	12.016	142	43138	4.616	ng		99
38) 1-Methylnaphthalene	12.233	142	41175	4.489	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.380	216	22345	5.616	ng		99
41) Hexachlorocyclopentadiene	12.369	237	9389	5.352	ng		93
43) 2,4,6-Trichlorophenol	12.663	196	12788	4.949	ng		98
44) 2,4,5-Trichlorophenol	12.751	196	14573	4.999	ng		95
46) 1,1'-Biphenyl	13.045	154	53003	5.039	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.080	162	42142	5.168	ng		99
48) 2-Nitroaniline	13.333	65	14101	4.911	ng		94
49) Acenaphthylene	13.933	152	59751	4.613	ng		98
50) Dimethylphthalate	13.721	163	54736	5.013	ng		99
51) 2,6-Dinitrotoluene	13.816	165	11258	4.723	ng	#	78
52) Acenaphthene	14.274	154	36859	4.634	ng		98
53) 3-Nitroaniline	14.168	138	10634	4.544	ng	#	95
55) Dibenzofuran	14.615	168	61439	4.528	ng		90
56) 4-Nitrophenol	14.551	139	7441	3.711	ng		96
57) 2,4-Dinitrotoluene	14.604	165	14329	3.895	ng	#	73
58) Fluorene	15.262	166	51553	4.196	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.868	232	12615	4.546	ng		98
60) Diethylphthalate	15.080	149	57478	4.500	ng		97
61) 4-Chlorophenyl-phenyle...	15.268	204	26550	4.383	ng		98
62) 4-Nitroaniline	15.345	138	9545	3.756	ng	#	80
63) Azobenzene	15.557	77	62070	4.795	ng		94
66) n-Nitrosodiphenylamine	15.492	169	41180	4.759	ng		98
67) 4-Bromophenyl-phenylether	16.157	248	16361	4.928	ng		95
68) Hexachlorobenzene	16.257	284	20198	4.998	ng		93
69) Atrazine	16.468	200	14455	5.242	ng		95
70) Pentachlorophenol	16.633	266	10202	4.013	ng		95
71) Phenanthrene	16.998	178	80883	4.684	ng		98
72) Anthracene	17.086	178	74759	4.520	ng		98
73) Carbazole	17.380	167	71904	4.488	ng		98
74) Di-n-butylphthalate	17.951	149	90143	4.297	ng	#	96
75) Fluoranthene	19.009	202	98600	4.565	ng		97
78) Pyrene	19.374	202	98036	3.966	ng		99
80) Butylbenzylphthalate	20.303	149	38477	5.564	ng		98
81) Benzo(a)anthracene	21.150	228	85155	4.571	ng		96
82) 3,3'-Dichlorobenzidine	21.103	252	29170	6.393	ng		95
83) Chrysene	21.209	228	78005	4.538	ng		97
84) Bis(2-ethylhexyl)phtha...	21.103	149	51629	6.431	ng		98
85) Di-n-octyl phthalate	22.162	149	95155	4.820	ng		98
87) Indeno(1,2,3-cd)pyrene	27.062	276	98727	5.238	ng		93
88) Benzo(b)fluoranthene	23.091	252	97573m	4.287	ng		
89) Benzo(k)fluoranthene	23.144	252	91579	4.453	ng		96
90) Benzo(a)pyrene	23.833	252	82455	4.515	ng		99
91) Dibenzo(a,h)anthracene	27.126	278	81712	5.296	ng		98
92) Benzo(g,h,i)perylene	28.032	276	88979	5.265	ng		97

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

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