Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051324\
Data File : BM045724.D
Acq On : 13 May 2024 22:35
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM051324

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 14 02:44:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 02:40:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.581	152	97459	20.000	ng		0.00
21) Naphthalene-d8	10.351	136	443718	20.000	ng		0.00
39) Acenaphthene-d10	14.210	164	322592	20.000	ng		0.00
64) Phenanthrene-d10	16.957	188	772238	20.000	ng		0.00
76) Chrysene-d12	21.174	240	510522	20.000	ng		0.00
86) Perylene-d12	23.974	264	486066	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	466884	82.211	ng		0.00
7) Phenol-d6	6.857	99	577413	83.378	ng		-0.01
23) Nitrobenzene-d5	8.745	82	769249	79.623	ng		0.00
42) 2,4,6-Tribromophenol	15.715	330	363023	82.417	ng		0.00
45) 2-Fluorobiphenyl	12.839	172	1784729	76.253	ng		0.00
79) Terphenyl-d14	19.598	244	3723940	71.187	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.210	88	69993	45.213	ng		98
3) Pyridine	3.640	79	257822m	42.163	ng		
4) n-Nitrosodimethylamine	3.522	42	137700	42.758	ng		95
6) Aniline	6.963	93	241005	42.202	ng		99
8) 2-Chlorophenol	7.187	128	216802	41.351	ng		99
9) Benzaldehyde	6.757	77	192793	38.900	ng		98
10) Phenol	6.887	94	267276	41.406	ng		99
11) bis(2-Chloroethyl)ether	7.040	93	230735	40.140	ng		95
12) 1,3-Dichlorobenzene	7.469	146	280952	39.536	ng		98
13) 1,4-Dichlorobenzene	7.616	146	289441	39.590	ng		97
14) 1,2-Dichlorobenzene	7.934	146	259438	39.766	ng		98
15) Benzyl Alcohol	7.875	79	257049	40.226	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.128	45	227890	40.208	ng		90
17) 2-Methylphenol	8.098	107	190610	41.321	ng		98
18) Hexachloroethane	8.645	117	125697	39.953	ng		99
19) n-Nitroso-di-n-propyla...	8.422	70	216545	41.627	ng		98
20) 3+4-Methylphenols	8.428	107	269948	41.413	ng	#	88
22) Acetophenone	8.428	105	400052	40.019	ng		98
24) Nitrobenzene	8.792	77	366057	39.156	ng		100
25) Isophorone	9.339	82	562996	40.308	ng		99
26) 2-Nitrophenol	9.492	139	134435	42.350	ng		96
27) 2,4-Dimethylphenol	9.604	122	163925	41.106	ng		95
28) bis(2-Chloroethoxy)met...	9.798	93	322304	39.877	ng		99
29) 2,4-Dichlorophenol	10.045	162	238147	40.582	ng		99
30) 1,2,4-Trichlorobenzene	10.210	180	280214	39.460	ng		99
31) Naphthalene	10.398	128	870242	39.641	ng		100
32) Benzoic acid	9.851	122	166732m	42.561	ng		
33) 4-Chloroaniline	10.569	127	320923	40.725	ng		99
34) Hexachlorobutadiene	10.686	225	179181	39.588	ng		97
35) Caprolactam	11.480	113	76830	40.233	ng		98
36) 4-Chloro-3-methylphenol	11.727	107	301254	41.819	ng		98
37) 2-Methylnaphthalene	12.016	142	640332	39.882	ng		99
38) 1-Methylnaphthalene	12.233	142	628459	39.752	ng		100
40) 1,2,4,5-Tetrachloroben...	12.380	216	322594	37.675	ng		98
41) Hexachlorocyclopentadiene	12.369	237	137694	36.677	ng		98
43) 2,4,6-Trichlorophenol	12.663	196	216606	38.566	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	247510	39.248	ng		99
46) 1,1'-Biphenyl	13.045	154	878832	37.927	ng		99
47) 2-Chloronaphthalene	13.080	162	683017	38.107	ng		99
48) 2-Nitroaniline	13.333	65	235757	40.068	ng		98
49) Acenaphthylene	13.933	152	1108189	39.775	ng		100
50) Dimethylphthalate	13.716	163	911358	38.763	ng		100
51) 2,6-Dinitrotoluene	13.816	165	202398	39.805	ng		98
52) Acenaphthene	14.274	154	678865	39.290	ng		98
53) 3-Nitroaniline	14.174	138	203276	40.673	ng		100
54) 2,4-Dinitrophenol	14.351	184	111418	37.965	ng		98
55) Dibenzofuran	14.616	168	1137559	39.693	ng		99
56) 4-Nitrophenol	14.557	139	181695	42.243	ng		98
57) 2,4-Dinitrotoluene	14.610	165	315456	40.951	ng		97
58) Fluorene	15.263	166	1020943	39.634	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.868	232	237007	40.939	ng		99
60) Diethylphthalate	15.080	149	1064824	39.835	ng		100
61) 4-Chlorophenyl-phenyle...	15.268	204	493586	39.513	ng		99
62) 4-Nitroaniline	15.351	138	222675	40.901	ng		97
63) Azobenzene	15.563	77	1031460	39.334	ng		98
65) 4,6-Dinitro-2-methylph...	15.363	198	167817	37.913	ng		98
66) n-Nitrosodiphenylamine	15.492	169	787218	39.288	ng		99
67) 4-Bromophenyl-phenylether	16.157	248	294211	38.467	ng		96
68) Hexachlorobenzene	16.257	284	353182	38.413	ng		98
69) Atrazine	16.474	200	251771	39.878	ng		97
70) Pentachlorophenol	16.633	266	238284	40.913	ng		96
71) Phenanthrene	16.998	178	1532972	39.369	ng		100
72) Anthracene	17.092	178	1488779	39.690	ng		99
73) Carbazole	17.386	167	1463501	40.227	ng		99
74) Di-n-butylphthalate	17.951	149	1884368	39.843	ng		100
75) Fluoranthene	19.015	202	1933561	40.807	ng		100
77) Benzidine	19.239	184	477187	42.866	ng		100
78) Pyrene	19.380	202	1892066	36.331	ng		99
80) Butylbenzylphthalate	20.303	149	798061	34.977	ng		99
81) Benzo(a)anthracene	21.156	228	1379474	39.484	ng		100
82) 3,3'-Dichlorobenzidine	21.103	252	565834	43.464	ng		100
83) Chrysene	21.215	228	1263744	39.443	ng		99
84) Bis(2-ethylhexyl)phtha...	21.103	149	1114340	37.897	ng		100
85) Di-n-octyl phthalate	22.168	149	1372361	38.972	ng		100
87) Indeno(1,2,3-cd)pyrene	27.097	276	1117519	36.536	ng	#	100
88) Benzo(b)fluoranthene	23.097	252	1291005	41.091	ng		99
89) Benzo(k)fluoranthene	23.162	252	1159412	40.286	ng		99
90) Benzo(a)pyrene	23.844	252	1068766	39.217	ng	#	99
91) Dibenzo(a,h)anthracene	27.144	278	917113	35.587	ng		98
92) Benzo(g,h,i)perylene	28.062	276	1043708	39.376	ng		99

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

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