Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013024\
Data File : BM043925.D
Acq On : 30 Jan 2024 14:05
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 31 00:38:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 00:30:25 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	357202	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1453027	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	813552	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	1644181	20.000	ng		0.00
76) Chrysene-d12	21.521	240	1550478	20.000	ng		0.00
86) Perylene-d12	23.933	264	1698058	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	3027018	126.713	ng		0.00
7) Phenol-d6	7.087	99	4044672	127.827	ng		0.00
23) Nitrobenzene-d5	9.092	82	3690557	127.022	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	1263906	138.138	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	7887643	125.254	ng		0.00
79) Terphenyl-d14	19.962	244	11199025	123.179	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	598428	60.748	ng		99
3) Pyridine	3.787	79	1661964m	62.343	ng		
4) n-Nitrosodimethylamine	3.710	42	739878	63.969	ng		100
6) Aniline	7.251	93	1921343	63.418	ng		99
8) 2-Chlorophenol	7.481	128	1559096	62.675	ng		98
9) Benzaldehyde	7.069	77	925770m	52.645	ng		
10) Phenol	7.116	94	1952185	62.472	ng		99
11) bis(2-Chloroethyl)ether	7.357	93	1587609	61.650	ng		99
12) 1,3-Dichlorobenzene	7.804	146	1763567	61.133	ng		99
13) 1,4-Dichlorobenzene	7.957	146	1775522	61.054	ng		97
14) 1,2-Dichlorobenzene	8.269	146	1701439	61.075	ng		99
15) Benzyl Alcohol	8.169	79	1319187	64.737	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	2178493	61.281	ng		99
17) 2-Methylphenol	8.369	107	1256028	63.569	ng		99
18) Hexachloroethane	8.992	117	671264	61.547	ng		100
19) n-Nitroso-di-n-propyla...	8.745	70	1274681	63.758	ng		97
20) 3+4-Methylphenols	8.698	107	1736288	64.455	ng		99
22) Acetophenone	8.751	105	2380507	62.173	ng	#	98
24) Nitrobenzene	9.134	77	1835670	62.550	ng		99
25) Isophorone	9.663	82	3376191	63.949	ng		100
27) 2,4-Dimethylphenol	9.904	122	1035602	65.046	ng		98
28) bis(2-Chloroethoxy)met...	10.151	93	2087928	62.445	ng		100
29) 2,4-Dichlorophenol	10.375	162	1365615	66.887	ng		98
30) 1,2,4-Trichlorobenzene	10.586	180	1559356	62.136	ng		99
31) Naphthalene	10.775	128	4979747	61.885	ng		100
32) Benzoic acid	10.057	122	834539	60.962	ng		99
33) 4-Chloroaniline	10.898	127	1921047	63.738	ng		99
34) Hexachlorobutadiene	11.051	225	895262	61.634	ng		99
35) Caprolactam	11.692	113	455080	71.062	ng		95
36) 4-Chloro-3-methylphenol	12.016	107	1492794	66.665	ng		99
37) 2-Methylnaphthalene	12.392	142	3395092	62.842	ng		100
38) 1-Methylnaphthalene	12.610	142	3328322	62.477	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	1579595	62.828	ng		100
41) Hexachlorocyclopentadiene	12.727	237	572223	67.656	ng		99
43) 2,4,6-Trichlorophenol	12.998	196	1031327	69.954	ng		100
44) 2,4,5-Trichlorophenol	13.069	196	1156986	67.951	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.404	154	4167323	62.679	ng	99
47) 2-Chloronaphthalene	13.445	162	3281727	62.357	ng	99
48) 2-Nitroaniline	13.657	65	963677	71.053	ng	94
49) Acenaphthylene	14.292	152	4889988	63.541	ng	99
50) Dimethylphthalate	14.039	163	3802818	63.254	ng	99
51) 2,6-Dinitrotoluene	14.157	165	837406	67.607	ng	100
52) Acenaphthene	14.633	154	3075736	62.996	ng	99
53) 3-Nitroaniline	14.486	138	907086	68.115	ng	97
54) 2,4-Dinitrophenol	14.686	184	324069	61.851	ng	98
55) Dibenzofuran	14.968	168	4674007	62.427	ng	100
56) 4-Nitrophenol	14.786	139	756721	68.026	ng	98
57) 2,4-Dinitrotoluene	14.939	165	1134154	61.267	ng	100
58) Fluorene	15.616	166	3951211	63.332	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	915816	68.231	ng	99
60) Diethylphthalate	15.410	149	3984279	64.177	ng	99
61) 4-Chlorophenyl-phenyle...	15.621	204	1907051	62.647	ng	97
62) 4-Nitroaniline	15.651	138	970300	69.106	ng	98
63) Azobenzene	15.910	77	4028525	62.807	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	485259	61.475	ng	98
66) n-Nitrosodiphenylamine	15.833	169	3235319	63.693	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	1139708	63.593	ng	99
68) Hexachlorobenzene	16.610	284	1300660	62.067	ng	99
69) Atrazine	16.798	200	855954	62.682	ng	99
70) Pentachlorophenol	16.962	266	824429	68.153	ng	99
71) Phenanthrene	17.362	178	5654260	62.249	ng	99
72) Anthracene	17.457	178	5667570	63.706	ng	100
73) Carbazole	17.727	167	5510573	63.778	ng	99
74) Di-n-butylphthalate	18.309	149	6956221	68.333	ng	100
75) Fluoranthene	19.380	202	6772946	64.421	ng	99
77) Benzidine	19.580	184	1559778	57.169	ng	99
78) Pyrene	19.745	202	7089607	63.480	ng	99
80) Butylbenzylphthalate	20.668	149	2937746	60.519	ng	99
81) Benzo(a)anthracene	21.503	228	6871742	63.213	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	2226847	69.110	ng	100
83) Chrysene	21.556	228	6490927	62.846	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	4835121	61.529	ng	98
85) Di-n-octyl phthalate	22.409	149	7876031	61.381	ng	99
87) Indeno(1,2,3-cd)pyrene	26.444	276	8033615	65.055	ng	100
88) Benzo(b)fluoranthene	23.203	252	7055179	64.833	ng	100
89) Benzo(k)fluoranthene	23.250	252	6854322	64.847	ng	99
90) Benzo(a)pyrene	23.827	252	6128988	65.644	ng	99
91) Dibenzo(a,h)anthracene	26.474	278	6668503	64.880	ng	99
92) Benzo(g,h,i)perylene	27.215	276	6593030	64.223	ng	100

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

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