Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013024\
Data File : BM043923.D
Acq On : 30 Jan 2024 12:53
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

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

Quant Time: Jan 31 00:36:09 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	358680	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	1467221	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	826220	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1653208	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1545950	20.000	ng	0.00
86) Perylene-d12	23.932	264	1732186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1827860	76.200	ng	0.00
7) Phenol-d6	7.086	99	2437713	76.723	ng	0.00
23) Nitrobenzene-d5	9.092	82	2278710	77.670	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	747296	80.423	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	4931502	77.111	ng	0.00
79) Terphenyl-d14	19.962	244	7277205	80.277	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	363540	36.752	ng	100
3) Pyridine	3.787	79	1002316m	37.443	ng	
4) n-Nitrosodimethylamine	3.710	42	449814	38.730	ng	100
6) Aniline	7.251	93	1170334	38.470	ng	100
8) 2-Chlorophenol	7.481	128	952828	38.145	ng	100
9) Benzaldehyde	7.063	77	631206	35.746	ng	100
10) Phenol	7.110	94	1201487	38.291	ng	100
11) bis(2-Chloroethyl)ether	7.357	93	980432	37.915	ng	100
12) 1,3-Dichlorobenzene	7.804	146	1083326	37.398	ng	100
13) 1,4-Dichlorobenzene	7.957	146	1094567	37.483	ng	100
14) 1,2-Dichlorobenzene	8.269	146	1052038	37.608	ng	100
15) Benzyl Alcohol	8.169	79	793713	38.790	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.457	45	1345632	37.697	ng	100
17) 2-Methylphenol	8.363	107	771058	38.863	ng	100
18) Hexachloroethane	8.992	117	413655	37.771	ng	100
19) n-Nitroso-di-n-propyla...	8.739	70	788058	39.255	ng	100
20) 3+4-Methylphenols	8.698	107	1049379	38.795	ng	100
22) Acetophenone	8.751	105	1480840	38.302	ng	100
24) Nitrobenzene	9.133	77	1142565	38.556	ng	100
25) Isophorone	9.657	82	2084831	39.107	ng	100
26) 2-Nitrophenol	9.839	139	396488	37.869	ng	100
27) 2,4-Dimethylphenol	9.904	122	629598	39.162	ng	100
28) bis(2-Chloroethoxy)met...	10.151	93	1292340	38.277	ng	100
29) 2,4-Dichlorophenol	10.369	162	817143	39.636	ng	100
30) 1,2,4-Trichlorobenzene	10.586	180	955118	37.690	ng	100
31) Naphthalene	10.774	128	3067056	37.747	ng	100
32) Benzoic acid	10.027	122	424142	37.673	ng	100
33) 4-Chloroaniline	10.892	127	1181301	38.815	ng	100
34) Hexachlorobutadiene	11.051	225	554105	37.778	ng	100
35) Caprolactam	11.674	113	266510	41.213	ng	100
36) 4-Chloro-3-methylphenol	12.016	107	902235	39.902	ng	100
37) 2-Methylnaphthalene	12.386	142	2081802	38.161	ng	100
38) 1-Methylnaphthalene	12.610	142	2059470	38.285	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	971273	38.040	ng	100
41) Hexachlorocyclopentadiene	12.727	237	335768	39.090	ng	100
43) 2,4,6-Trichlorophenol	12.998	196	612982	40.941	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	687138	39.738	ng	100
46) 1,1'-Biphenyl	13.404	154	2578529	38.188	ng	100
47) 2-Chloronaphthalene	13.445	162	2051499	38.384	ng	100
48) 2-Nitroaniline	13.651	65	566250	41.110	ng	100
49) Acenaphthylene	14.286	152	3030985	38.781	ng	100
50) Dimethylphthalate	14.039	163	2343596	38.384	ng	100
51) 2,6-Dinitrotoluene	14.157	165	506287	40.248	ng	100
52) Acenaphthene	14.627	154	1902903	38.377	ng	100
53) 3-Nitroaniline	14.480	138	547857	40.509	ng	100
54) 2,4-Dinitrophenol	14.686	184	156745	38.110	ng	100
55) Dibenzofuran	14.968	168	2878432	37.855	ng	100
56) 4-Nitrophenol	14.780	139	445097	39.399	ng	100
57) 2,4-Dinitrotoluene	14.939	165	666576	37.064	ng	100
58) Fluorene	15.615	166	2440137	38.512	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	551266	40.441	ng	100
60) Diethylphthalate	15.404	149	2436394	38.643	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	1178302	38.114	ng	100
62) 4-Nitroaniline	15.645	138	579519	40.641	ng	100
63) Azobenzene	15.909	77	2524760	38.759	ng	100
65) 4,6-Dinitro-2-methylph...	15.698	198	245381	38.375	ng	100
66) n-Nitrosodiphenylamine	15.833	169	2001523	39.188	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	693721	38.497	ng	100
68) Hexachlorobenzene	16.609	284	804691	38.190	ng	100
69) Atrazine	16.792	200	566017	41.223	ng	100
70) Pentachlorophenol	16.962	266	478403	39.332	ng	100
71) Phenanthrene	17.362	178	3510342	38.435	ng	100
72) Anthracene	17.451	178	3518607	39.335	ng	100
73) Carbazole	17.727	167	3396939	39.101	ng	100
74) Di-n-butylphthalate	18.309	149	4113086	40.183	ng	100
75) Fluoranthene	19.380	202	4114399	38.920	ng	100
77) Benzidine	19.580	184	893700	42.747	ng	100
78) Pyrene	19.744	202	4347247	39.039	ng	100
80) Butylbenzylphthalate	20.668	149	1629938	36.091	ng	100
81) Benzo(a)anthracene	21.503	228	4219375	38.928	ng	100
82) 3,3'-Dichlorobenzidine	21.444	252	1323705	41.201	ng	100
83) Chrysene	21.556	228	3956320	38.418	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	2738891	36.751	ng	100
85) Di-n-octyl phthalate	22.409	149	4366194	37.034	ng	100
87) Indeno(1,2,3-cd)pyrene	26.438	276	4973975	39.485	ng	100
88) Benzo(b)fluoranthene	23.197	252	4352667	39.211	ng	100
89) Benzo(k)fluoranthene	23.250	252	4132018	38.322	ng	100
90) Benzo(a)pyrene	23.827	252	3762240	39.501	ng	100
91) Dibenzo(a,h)anthracene	26.468	278	4137028	39.457	ng	100
92) Benzo(g,h,i)perylene	27.209	276	4132348	39.460	ng	100

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

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