Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012624\
Data File : BM043913.D
Acq On : 26 Jan 2024 14:16
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/30/2024

Quant Time: Jan 27 04:22:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 04:17:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	352740	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1448343	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	828977	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1630999	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1380843	20.000	ng		0.00
86) Perylene-d12	23.933	264	1506610	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	2366303	101.723	ng		0.00
7) Phenol-d6	7.087	99	3187830	102.267	ng		0.00
23) Nitrobenzene-d5	9.092	82	3048229	102.427	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1043917	106.288	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	6658991	101.878	ng		0.00
79) Terphenyl-d14	19.962	244	9225876	107.109	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	478630	48.441	ng		99
3) Pyridine	3.787	79	1329623m	49.325	ng		
4) n-Nitrosodimethylamine	3.710	42	634323	50.236	ng		95
6) Aniline	7.251	93	1536407	50.625	ng		100
8) 2-Chlorophenol	7.481	128	1238159	51.159	ng		98
9) Benzaldehyde	7.069	77	749325m	43.547	ng		
10) Phenol	7.116	94	1544314	50.345	ng		99
11) bis(2-Chloroethyl)ether	7.357	93	1296295	49.846	ng		100
12) 1,3-Dichlorobenzene	7.804	146	1415657	49.434	ng		99
13) 1,4-Dichlorobenzene	7.957	146	1424780	49.165	ng		99
14) 1,2-Dichlorobenzene	8.269	146	1373939	49.356	ng		99
15) Benzyl Alcohol	8.169	79	1068192	52.232	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1924977	49.628	ng		99
17) 2-Methylphenol	8.369	107	1001430	51.100	ng		100
18) Hexachloroethane	8.998	117	549249	50.402	ng		97
19) n-Nitroso-di-n-propyla...	8.745	70	1081832	51.656	ng		99
20) 3+4-Methylphenols	8.698	107	1375943	52.041	ng		99
22) Acetophenone	8.751	105	1938527	49.952	ng	#	99
24) Nitrobenzene	9.134	77	1507930	50.196	ng		99
25) Isophorone	9.663	82	2864434	51.705	ng		99
26) 2-Nitrophenol	9.845	139	521978	47.853	ng		100
27) 2,4-Dimethylphenol	9.904	122	831238	52.926	ng		98
28) bis(2-Chloroethoxy)met...	10.151	93	1741486	51.135	ng		99
29) 2,4-Dichlorophenol	10.375	162	1082309	54.149	ng		99
30) 1,2,4-Trichlorobenzene	10.586	180	1268141	50.113	ng		100
31) Naphthalene	10.781	128	4062313	50.237	ng		100
32) Benzoic acid	10.057	122	579238	50.903	ng		95
33) 4-Chloroaniline	10.898	127	1550511	51.188	ng		99
34) Hexachlorobutadiene	11.051	225	739475	49.949	ng		98
35) Caprolactam	11.686	113	354011	52.978	ng		96
36) 4-Chloro-3-methylphenol	12.016	107	1187292	53.825	ng		99
37) 2-Methylnaphthalene	12.392	142	2781643	50.588	ng		100
38) 1-Methylnaphthalene	12.610	142	2735576	50.612	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	1310300	50.448	ng		99
41) Hexachlorocyclopentadiene	12.722	237	438969	53.393	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	827320	48.978	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	915971	55.243	ng	100
46) 1,1'-Biphenyl	13.404	154	3452095	50.354	ng	100
47) 2-Chloronaphthalene	13.445	162	2721815	50.336	ng	99
48) 2-Nitroaniline	13.651	65	772531	49.165	ng	99
49) Acenaphthylene	14.286	152	4030022	50.752	ng	99
50) Dimethylphthalate	14.039	163	3151032	51.641	ng	100
51) 2,6-Dinitrotoluene	14.157	165	673595	55.349	ng	99
52) Acenaphthene	14.633	154	2559840	50.705	ng	100
53) 3-Nitroaniline	14.486	138	717732	55.133	ng	96
54) 2,4-Dinitrophenol	14.686	184	198118	49.891	ng	98
55) Dibenzofuran	14.969	168	3848734	50.082	ng	99
56) 4-Nitrophenol	14.780	139	565488	54.178	ng	98
57) 2,4-Dinitrotoluene	14.939	165	882863	49.066	ng	99
58) Fluorene	15.616	166	3297507	51.101	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	731288	48.956	ng	99
60) Diethylphthalate	15.410	149	3295376	52.359	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	1611658	50.662	ng	99
62) 4-Nitroaniline	15.645	138	742319	54.833	ng	98
63) Azobenzene	15.910	77	3436614	50.100	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	313182	49.886	ng	99
66) n-Nitrosodiphenylamine	15.833	169	2679600	51.753	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	959092	51.672	ng	99
68) Hexachlorobenzene	16.610	284	1086826	50.286	ng	98
69) Atrazine	16.798	200	742822	53.449	ng	99
70) Pentachlorophenol	16.963	266	635662	48.824	ng	99
71) Phenanthrene	17.363	178	4572547	50.365	ng	99
72) Anthracene	17.451	178	4588703	51.318	ng	100
73) Carbazole	17.727	167	4337128	50.878	ng	100
74) Di-n-butylphthalate	18.310	149	5550470	55.294	ng	100
75) Fluoranthene	19.380	202	5202503	50.540	ng	100
77) Benzidine	19.580	184	1158326	67.808	ng	100
78) Pyrene	19.745	202	5410138	52.459	ng	100
80) Butylbenzylphthalate	20.668	149	1998997	48.846	ng	100
81) Benzo(a)anthracene	21.503	228	4957320	50.956	ng	100
82) 3,3'-Dichlorobenzidine	21.445	252	1562904	53.853	ng	98
83) Chrysene	21.556	228	4714045	50.796	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	3402010	49.382	ng	100
85) Di-n-octyl phthalate	22.409	149	5335398	48.803	ng	99
87) Indeno(1,2,3-cd)pyrene	26.444	276	5772540	51.845	ng	100
88) Benzo(b)fluoranthene	23.197	252	5104683	52.805	ng	99
89) Benzo(k)fluoranthene	23.250	252	4822935	50.520	ng	100
90) Benzo(a)pyrene	23.827	252	4357922	52.193	ng	100
91) Dibenzo(a,h)anthracene	26.474	278	4789670	51.800	ng	99
92) Benzo(g,h,i)perylene	27.215	276	4734643	51.527	ng	99

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

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