Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020323\
Data File : BM038678.D
Acq On : 03 Feb 2023 13:29
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

Quant Time: Feb 04 05:19:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 04 05:17:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	50261	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	182611	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	148851	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	330840	20.000	ng	0.00
76) Chrysene-d12	21.492	240	297291	20.000	ng	0.00
86) Perylene-d12	23.886	264	379714	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	212486	82.816	ng	0.00
7) Phenol-d6	7.099	99	245502	83.894	ng	0.00
23) Nitrobenzene-d5	9.098	82	254835	79.265	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	187425	92.637	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	969241	82.898	ng	0.00
79) Terphenyl-d14	19.927	244	1435791	85.226	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	46296	40.929	ng	98
3) Pyridine	3.752	79	122336	45.483	ng	99
4) n-Nitrosodimethylamine	3.663	42	53554	44.104	ng	100
6) Aniline	7.251	93	153195	41.968	ng	96
8) 2-Chlorophenol	7.487	128	116270	41.529	ng	97
9) Benzaldehyde	7.069	77	47461	36.797	ng	98
10) Phenol	7.128	94	121528	41.108	ng	97
11) bis(2-Chloroethyl)ether	7.351	93	97705	40.810	ng	99
12) 1,3-Dichlorobenzene	7.810	146	144634	40.433	ng	98
13) 1,4-Dichlorobenzene	7.957	146	147402	40.830	ng	98
14) 1,2-Dichlorobenzene	8.275	146	145097	41.954	ng	99
15) Benzyl Alcohol	8.175	79	90249	41.901	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	88456m	39.006	ng	
17) 2-Methylphenol	8.381	107	97746	43.105	ng	98
18) Hexachloroethane	8.998	117	48518	41.615	ng	93
19) n-Nitroso-di-n-propyla...	8.740	70	84866	48.113	ng	96
20) 3+4-Methylphenols	8.710	107	130454	43.149	ng	99
22) Acetophenone	8.757	105	174172	39.995	ng	98
24) Nitrobenzene	9.145	77	126344	38.718	ng	97
25) Isophorone	9.663	82	227486	40.392	ng	99
26) 2-Nitrophenol	9.851	139	75363	41.504	ng	97
27) 2,4-Dimethylphenol	9.916	122	107015	40.848	ng	98
28) bis(2-Chloroethoxy)met...	10.151	93	141766	41.189	ng	99
29) 2,4-Dichlorophenol	10.392	162	158776	42.658	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	166444	42.039	ng	98
31) Naphthalene	10.787	128	387141	41.313	ng	99
32) Benzoic acid	10.069	122	81382	38.374	ng	98
33) 4-Chloroaniline	10.904	127	174127	42.400	ng	98
34) Hexachlorobutadiene	11.057	225	82060	41.374	ng	91
35) Caprolactam	11.710	113	34503	43.043	ng	96
36) 4-Chloro-3-methylphenol	12.034	107	119848	43.546	ng	98
37) 2-Methylnaphthalene	12.392	142	328341	43.359	ng	99
38) 1-Methylnaphthalene	12.610	142	311029	43.588	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	153277	39.567	ng	99
41) Hexachlorocyclopentadiene	12.728	237	90709	37.734	ng	97
43) 2,4,6-Trichlorophenol	13.004	196	126531	41.576	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	145762	40.700	ng	97
46) 1,1'-Biphenyl	13.398	154	472323	40.058	ng	99
47) 2-Chloronaphthalene	13.445	162	372970	40.198	ng	99
48) 2-Nitroaniline	13.663	65	77085	37.319	ng	96
49) Acenaphthylene	14.286	152	611193	41.823	ng	99
50) Dimethylphthalate	14.027	163	499596	41.129	ng	99
51) 2,6-Dinitrotoluene	14.157	165	105143	42.588	ng	96
52) Acenaphthene	14.627	154	364464	41.768	ng	99
53) 3-Nitroaniline	14.486	138	99388	38.788	ng	98
54) 2,4-Dinitrophenol	14.698	184	65370	40.679	ng	94
55) Dibenzofuran	14.963	168	644578	42.896	ng	98
56) 4-Nitrophenol	14.804	139	79374	40.087	ng	97
57) 2,4-Dinitrotoluene	14.945	165	148899	41.115	ng	96
58) Fluorene	15.610	166	528893	44.484	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	109266	43.836	ng	97
60) Diethylphthalate	15.386	149	502801	43.693	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	220302	43.676	ng	99
62) 4-Nitroaniline	15.651	138	106793m	40.560	ng	
63) Azobenzene	15.898	77	380292	42.954	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	85931	41.259	ng	97
66) n-Nitrosodiphenylamine	15.821	169	450884	41.739	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	135335	42.365	ng	98
68) Hexachlorobenzene	16.610	284	162661	41.664	ng	98
69) Atrazine	16.774	200	135876	43.398	ng	98
70) Pentachlorophenol	16.963	266	117156	41.166	ng	98
71) Phenanthrene	17.351	178	837794	42.648	ng	99
72) Anthracene	17.445	178	868994	43.241	ng	100
73) Carbazole	17.721	167	797059	42.527	ng	100
74) Di-n-butylphthalate	18.268	149	960958	45.381	ng	99
75) Fluoranthene	19.368	202	899105	43.592	ng	99
77) Benzidine	19.557	184	271384	31.527	ng	99
78) Pyrene	19.727	202	958607	41.881	ng	98
80) Butylbenzylphthalate	20.621	149	464003	41.016	ng	97
81) Benzo(a)anthracene	21.474	228	880475	41.869	ng	99
82) 3,3'-Dichlorobenzidine	21.409	252	306978	42.430	ng	97
83) Chrysene	21.527	228	836372	41.278	ng	100
84) Bis(2-ethylhexyl)phtha...	21.386	149	705373	42.712	ng	99
85) Di-n-octyl phthalate	22.309	149	1229834	45.648	ng	99
87) Indeno(1,2,3-cd)pyrene	26.380	276	1216487	40.673	ng	100
88) Benzo(b)fluoranthene	23.156	252	966168	42.481	ng	99
89) Benzo(k)fluoranthene	23.203	252	973000	42.130	ng	99
90) Benzo(a)pyrene	23.780	252	935205	41.581	ng	100
91) Dibenzo(a,h)anthracene	26.397	278	1025235	40.744	ng	98
92) Benzo(g,h,i)perylene	27.150	276	1018305	40.034	ng	99

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

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