Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082321\
Data File : BM031869.D
Acq On : 23 Aug 2021 13:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Aug 23 13:52:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 13:51:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	40805	20.000	ng	0.00
21) Naphthalene-d8	10.286	136	174402	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	114633	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	232451	20.000	ng	0.00
76) Chrysene-d12	21.127	240	188170	20.000	ng	0.00
86) Perylene-d12	23.274	264	152502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	208319	81.939	ng	0.00
7) Phenol-d6	6.728	99	282890	76.790	ng	0.00
23) Nitrobenzene-d5	8.686	82	330119	79.256	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	99137	70.217	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	674579	78.326	ng	0.00
79) Terphenyl-d14	19.574	244	1026125	91.879	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	31903	30.014	ng	100
3) Pyridine	3.557	79	98419	33.505	ng	100
4) n-Nitrosodimethylamine	3.475	42	44473	25.944	ng	100
6) Aniline	6.881	93	150930	37.469	ng	100
8) 2-Chlorophenol	7.104	128	112706	37.859	ng	100
9) Benzaldehyde	6.698	77	88985	34.032	ng	100
10) Phenol	6.757	94	143205	39.130	ng	100
11) bis(2-Chloroethyl)ether	6.981	93	108000	39.285	ng	100
12) 1,3-Dichlorobenzene	7.416	146	119380	37.490	ng	100
13) 1,4-Dichlorobenzene	7.563	146	121689	37.089	ng	100
14) 1,2-Dichlorobenzene	7.869	146	119643	37.124	ng	100
15) Benzyl Alcohol	7.781	79	119353	37.622	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.057	45	160684	40.905	ng	100
17) 2-Methylphenol	7.981	107	97189	37.555	ng	100
18) Hexachloroethane	8.581	117	53137	39.071	ng	100
19) n-Nitroso-di-n-propyla...	8.339	70	111506	38.332	ng	100
20) 3+4-Methylphenols	8.310	107	137541	37.810	ng	100
22) Acetophenone	8.351	105	193911	39.157	ng	100
24) Nitrobenzene	8.728	77	168009	39.411	ng	100
25) Isophorone	9.245	82	294977	39.484	ng	100
26) 2-Nitrophenol	9.422	139	65098	38.793	ng	100
27) 2,4-Dimethylphenol	9.492	122	99474	38.766	ng	100
28) bis(2-Chloroethoxy)met...	9.728	93	143090	39.806	ng	100
29) 2,4-Dichlorophenol	9.951	162	111026	38.083	ng	100
30) 1,2,4-Trichlorobenzene	10.157	180	114664	36.832	ng	100
31) Naphthalene	10.339	128	380968	38.154	ng	100
32) Benzoic acid	9.681	122	85846	37.366	ng	100
33) 4-Chloroaniline	10.469	127	153979	37.100	ng	100
34) Hexachlorobutadiene	10.610	225	72860	36.654	ng	100
35) Caprolactam	11.286	113	37001	36.551	ng	100
36) 4-Chloro-3-methylphenol	11.604	107	135141	37.383	ng	100
37) 2-Methylnaphthalene	11.957	142	278853	37.319	ng	100
38) 1-Methylnaphthalene	12.180	142	260554	36.510	ng	100
40) 1,2,4,5-Tetrachloroben...	12.333	216	125491	38.540	ng	100
41) Hexachlorocyclopentadiene	12.304	237	61467	37.733	ng	100
43) 2,4,6-Trichlorophenol	12.586	196	92949	38.725	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.663	196	99452	37.914	ng	100
46) 1,1'-Biphenyl	12.992	154	347266	38.496	ng	100
47) 2-Chloronaphthalene	13.033	162	272834	38.525	ng	100
48) 2-Nitroaniline	13.257	65	101199	38.504	ng	100
49) Acenaphthylene	13.886	152	442526	38.167	ng	100
50) Dimethylphthalate	13.651	163	355759	37.244	ng	100
51) 2,6-Dinitrotoluene	13.768	165	79530	37.492	ng	100
52) Acenaphthene	14.233	154	266333	37.707	ng	100
53) 3-Nitroaniline	14.098	138	79672	36.579	ng	100
54) 2,4-Dinitrophenol	14.315	184	47334	37.852	ng	100
55) Dibenzofuran	14.574	168	442470	37.488	ng	100
56) 4-Nitrophenol	14.427	139	66555	35.823	ng	100
57) 2,4-Dinitrotoluene	14.568	165	114941	37.624	ng	100
58) Fluorene	15.227	166	367074	37.463	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.810	232	85313	35.867	ng	100
60) Diethylphthalate	15.021	149	397692	37.878	ng	100
61) 4-Chlorophenyl-phenyle...	15.227	204	174456	36.885	ng	100
62) 4-Nitroaniline	15.274	138	78252	34.968	ng	100
63) Azobenzene	15.521	77	455796	39.218	ng	100
65) 4,6-Dinitro-2-methylph...	15.333	198	66134	41.617	ng	100
66) n-Nitrosodiphenylamine	15.451	169	299245	39.157	ng	100
67) 4-Bromophenyl-phenylether	16.127	248	96791	39.119	ng	100
68) Hexachlorobenzene	16.227	284	102049	37.704	ng	100
69) Atrazine	16.415	200	104906	38.573	ng	100
70) Pentachlorophenol	16.580	266	69089	38.003	ng	100
71) Phenanthrene	16.968	178	537255	37.897	ng	100
72) Anthracene	17.056	178	532423	38.309	ng	100
73) Carbazole	17.339	167	513552	36.885	ng	100
74) Di-n-butylphthalate	17.909	149	697997	40.249	ng	100
75) Fluoranthene	18.992	202	599153	35.284	ng	100
77) Benzidine	19.198	184	217469	38.890	ng	100
78) Pyrene	19.356	202	610285	44.769	ng	100
80) Butylbenzylphthalate	20.280	149	300518	45.997	ng	100
81) Benzo(a)anthracene	21.115	228	531343	38.551	ng	100
82) 3,3'-Dichlorobenzidine	21.056	252	156883	36.833	ng	100
83) Chrysene	21.162	228	506910	37.731	ng	100
84) Bis(2-ethylhexyl)phtha...	21.056	149	463397	45.898	ng	100
85) Di-n-octyl phthalate	21.915	149	683245	40.957	ng	100
87) Indeno(1,2,3-cd)pyrene	25.397	276	424947	39.541	ng	100
88) Benzo(b)fluoranthene	22.638	252	432482	37.771	ng	100
89) Benzo(k)fluoranthene	22.680	252	434390	39.306	ng	100
90) Benzo(a)pyrene	23.186	252	386194	38.095	ng	100
91) Dibenzo(a,h)anthracene	25.409	278	372607	39.422	ng	100
92) Benzo(g,h,i)perylene	26.044	276	343060	39.859	ng	100

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

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