Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082021\
Data File : BM031834.D
Acq On : 20 Aug 2021 10:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 20 11:07:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 14:13:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.539	152	55332	20.000	ng		0.00
21) Naphthalene-d8	10.298	136	219788	20.000	ng	#	0.00
39) Acenaphthene-d10	14.174	164	126937	20.000	ng		0.00
64) Phenanthrene-d10	16.933	188	234969	20.000	ng		0.00
76) Chrysene-d12	21.133	240	187569	20.000	ng		0.00
86) Perylene-d12	23.280	264	182291	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.175	112	270552	78.478	ng		0.00
7) Phenol-d6	6.740	99	374285	74.925	ng		0.00
23) Nitrobenzene-d5	8.692	82	397959	75.814	ng		0.00
42) 2,4,6-Tribromophenol	15.680	330	102930	65.837	ng		0.00
45) 2-Fluorobiphenyl	12.792	172	755902	79.261	ng		0.00
79) Terphenyl-d14	19.580	244	914073	82.108	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.187	88	54537	37.838	ng	#	93
3) Pyridine	3.563	79	159433	40.026	ng		95
4) n-Nitrosodimethylamine	3.487	42	73002	31.406	ng	#	88
6) Aniline	6.887	93	199232	36.475	ng		99
8) 2-Chlorophenol	7.110	128	150466	37.273	ng		94
9) Benzaldehyde	6.704	77	126459	35.666	ng		98
10) Phenol	6.763	94	183202	36.916	ng		95
11) bis(2-Chloroethyl)ether	6.987	93	136752	36.684	ng		95
12) 1,3-Dichlorobenzene	7.428	146	161276	37.350	ng		94
13) 1,4-Dichlorobenzene	7.575	146	164224	36.912	ng		97
14) 1,2-Dichlorobenzene	7.881	146	158917	36.364	ng		97
15) Benzyl Alcohol	7.792	79	146834	34.133	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.063	45	189186	35.517	ng		97
17) 2-Methylphenol	7.987	107	124258	35.409	ng		97
18) Hexachloroethane	8.592	117	67581	36.645	ng		89
19) n-Nitroso-di-n-propyla...	8.345	70	129751	32.893	ng		95
20) 3+4-Methylphenols	8.316	107	170715	34.608	ng		96
22) Acetophenone	8.363	105	235938	37.805	ng	#	95
24) Nitrobenzene	8.734	77	198928	37.028	ng		96
25) Isophorone	9.257	82	337675	35.866	ng		97
26) 2-Nitrophenol	9.433	139	83742	39.599	ng		89
27) 2,4-Dimethylphenol	9.498	122	120101	37.140	ng		95
28) bis(2-Chloroethoxy)met...	9.739	93	171136	37.777	ng		99
29) 2,4-Dichlorophenol	9.957	162	138587	37.720	ng		96
30) 1,2,4-Trichlorobenzene	10.169	180	148746	37.913	ng		97
31) Naphthalene	10.351	128	463723	36.851	ng		99
32) Benzoic acid	9.675	122	94200	32.535	ng		97
33) 4-Chloroaniline	10.475	127	184950	35.360	ng		95
34) Hexachlorobutadiene	10.622	225	94123	37.573	ng		94
35) Caprolactam	11.286	113	40220	31.527	ng		86
36) 4-Chloro-3-methylphenol	11.610	107	151255	33.201	ng		91
37) 2-Methylnaphthalene	11.969	142	322635	34.262	ng	#	96
38) 1-Methylnaphthalene	12.192	142	306903	34.124	ng		99
40) 1,2,4,5-Tetrachloroben...	12.345	216	151409	41.992	ng	#	98
41) Hexachlorocyclopentadiene	12.310	237	79052	43.824	ng		96
43) 2,4,6-Trichlorophenol	12.598	196	107751	40.540	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	113758	39.165	ng	#	91
46) 1,1'-Biphenyl	13.004	154	395128	39.556	ng		99
47) 2-Chloronaphthalene	13.039	162	313983	40.038	ng	#	93
48) 2-Nitroaniline	13.263	65	105458	36.235	ng		86
49) Acenaphthylene	13.898	152	482337	37.569	ng		99
50) Dimethylphthalate	13.657	163	371319	35.105	ng		100
51) 2,6-Dinitrotoluene	13.774	165	84147	35.824	ng	#	74
52) Acenaphthene	14.239	154	288933	36.941	ng		98
53) 3-Nitroaniline	14.104	138	84201	34.912	ng		92
54) 2,4-Dinitrophenol	14.321	184	47377	34.214	ng	#	88
55) Dibenzofuran	14.580	168	467914	35.801	ng		92
56) 4-Nitrophenol	14.427	139	67354	32.739	ng	#	75
57) 2,4-Dinitrotoluene	14.568	165	116217	34.354	ng	#	64
58) Fluorene	15.233	166	372108	34.296	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.815	232	91438	34.716	ng	#	86
60) Diethylphthalate	15.027	149	384694	33.089	ng		97
61) 4-Chlorophenyl-phenyle...	15.233	204	181254	34.608	ng	#	85
62) 4-Nitroaniline	15.280	138	78763	31.785	ng		84
63) Azobenzene	15.527	77	431248	33.509	ng		92
65) 4,6-Dinitro-2-methylph...	15.339	198	66465	41.377	ng		74
66) n-Nitrosodiphenylamine	15.457	169	310803	40.233	ng		98
67) 4-Bromophenyl-phenylether	16.133	248	99049	39.603	ng	#	90
68) Hexachlorobenzene	16.233	284	105243	38.467	ng	#	88
69) Atrazine	16.421	200	97990	35.644	ng		98
70) Pentachlorophenol	16.586	266	67322	36.634	ng		97
71) Phenanthrene	16.974	178	530497	37.019	ng		99
72) Anthracene	17.062	178	523379	37.255	ng		100
73) Carbazole	17.345	167	497247	35.331	ng		98
74) Di-n-butylphthalate	17.915	149	603824	34.445	ng	#	98
75) Fluoranthene	18.998	202	569763	33.194	ng		99
77) Benzidine	19.203	184	261969	46.998	ng		99
78) Pyrene	19.362	202	578401	42.566	ng		99
80) Butylbenzylphthalate	20.286	149	260204	39.954	ng		94
81) Benzo(a)anthracene	21.121	228	516231	37.574	ng		98
82) 3,3'-Dichlorobenzidine	21.062	252	164075	38.645	ng		100
83) Chrysene	21.168	228	501205	37.425	ng		98
84) Bis(2-ethylhexyl)phtha...	21.062	149	371084	36.872	ng	#	94
85) Di-n-octyl phthalate	21.921	149	608652	36.602	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.409	276	538913	41.951	ng		98
88) Benzo(b)fluoranthene	22.644	252	508094	37.123	ng		100
89) Benzo(k)fluoranthene	22.686	252	466501	35.313	ng		99
90) Benzo(a)pyrene	23.191	252	450775	37.199	ng		99
91) Dibenzo(a,h)anthracene	25.421	278	467547	41.383	ng		99
92) Benzo(g,h,i)perylene	26.056	276	441868	42.949	ng		99

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

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