Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029692.D
Acq On : 28 Apr 2021 17:19
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Apr 28 17:58:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 28 17:58:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.610	152	59702	20.00	ng		0.00
21) Naphthalene-d8	10.386	136	207735	20.00	ng		0.00
39) Acenaphthene-d10	14.257	164	141299	20.00	ng		0.00
64) Phenanthrene-d10	17.004	188	318980	20.00	ng		0.00
76) Chrysene-d12	21.191	240	362479	20.00	ng		0.00
86) Perylene-d12	23.374	264	389858	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.204	112	262833	88.26	ng		0.00
7) Phenol-d6	6.792	99	360088	80.96	ng		0.00
23) Nitrobenzene-d5	8.763	82	332069	82.33	ng		0.00
42) 2,4,6-Tribromophenol	15.757	330	184698	94.52	ng		0.00
45) 2-Fluorobiphenyl	12.874	172	928139	89.15	ng		0.00
79) Terphenyl-d14	19.639	244	1576499	82.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	53535	44.59	ng		94
3) Pyridine	3.540	79	134240	43.87	ng		98
4) n-Nitrosodimethylamine	3.457	42	53014	35.31	ng		81
6) Aniline	6.945	93	191514	39.17	ng		95
8) 2-Chlorophenol	7.175	128	154213	41.65	ng		96
9) Benzaldehyde	6.757	77	87683	34.67	ng		92
10) Phenol	6.816	94	174488	40.48	ng		94
11) bis(2-Chloroethyl)ether	7.045	93	126283	38.41	ng		95
12) 1,3-Dichlorobenzene	7.498	146	183110	42.91	ng		97
13) 1,4-Dichlorobenzene	7.645	146	184293	42.18	ng		98
14) 1,2-Dichlorobenzene	7.957	146	179184	41.14	ng		98
15) Benzyl Alcohol	7.851	79	120436	37.27	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.139	45	134602	31.05	ng		97
17) 2-Methylphenol	8.057	107	120326	40.06	ng		97
18) Hexachloroethane	8.675	117	62368	39.53	ng		91
19) n-Nitroso-di-n-propyla...	8.416	70	110082	33.94	ng		91
20) 3+4-Methylphenols	8.386	107	163276	39.52	ng		96
22) Acetophenone	8.433	105	211526	42.47	ng	#	96
24) Nitrobenzene	8.804	77	165847	40.66	ng		96
25) Isophorone	9.328	82	296075	39.06	ng		98
26) 2-Nitrophenol	9.510	139	85021	43.66	ng		92
27) 2,4-Dimethylphenol	9.580	122	120101	44.11	ng		97
28) bis(2-Chloroethoxy)met...	9.816	93	152579	40.74	ng		99
29) 2,4-Dichlorophenol	10.045	162	162238	45.18	ng		95
30) 1,2,4-Trichlorobenzene	10.257	180	187298	45.28	ng		98
31) Naphthalene	10.439	128	458800	42.96	ng		99
32) Benzoic acid	9.733	122	85061	37.53	ng		89
33) 4-Chloroaniline	10.557	127	183403	43.54	ng		96
34) Hexachlorobutadiene	10.722	225	121577	46.16	ng		98
35) Caprolactam	11.345	113	45355	41.71	ng	#	80
36) 4-Chloro-3-methylphenol	11.692	107	146184	41.65	ng		97
37) 2-Methylnaphthalene	12.057	142	351172	41.07	ng		98
38) 1-Methylnaphthalene	12.280	142	334443	41.02	ng		98
40) 1,2,4,5-Tetrachloroben...	12.433	216	208856	49.29	ng	#	98
41) Hexachlorocyclopentadiene	12.410	237	92194	38.99	ng		100
43) 2,4,6-Trichlorophenol	12.680	196	143237	49.17	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	155479	48.35	ng		96
46) 1,1'-Biphenyl	13.086	154	460944	44.63	ng		99
47) 2-Chloronaphthalene	13.127	162	377821	45.71	ng		98
48) 2-Nitroaniline	13.339	65	90777	39.82	ng		92
49) Acenaphthylene	13.980	152	578707	45.66	ng		99
50) Dimethylphthalate	13.727	163	457960	42.88	ng		99
51) 2,6-Dinitrotoluene	13.845	165	109946	46.77	ng	#	84
52) Acenaphthene	14.321	154	353970	44.59	ng		98
53) 3-Nitroaniline	14.174	138	97352	44.82	ng		91
54) 2,4-Dinitrophenol	14.386	184	62095	43.54	ng	#	83
55) Dibenzofuran	14.662	168	593483	44.27	ng		95
56) 4-Nitrophenol	14.492	139	78741	45.28	ng		90
57) 2,4-Dinitrotoluene	14.639	165	148791	46.87	ng		87
58) Fluorene	15.310	166	484595	43.05	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.892	232	137259	47.97	ng	#	91
60) Diethylphthalate	15.092	149	434462	41.45	ng		98
61) 4-Chlorophenyl-phenyle...	15.310	204	247534	43.46	ng		97
62) 4-Nitroaniline	15.339	138	101906	43.82	ng		89
63) Azobenzene	15.604	77	375440	37.72	ng		92
65) 4,6-Dinitro-2-methylph...	15.404	198	96612	45.56	ng		88
66) n-Nitrosodiphenylamine	15.527	169	421157	42.71	ng		98
67) 4-Bromophenyl-phenylether	16.204	248	150213	45.10	ng		94
68) Hexachlorobenzene	16.315	284	171039	45.16	ng		93
69) Atrazine	16.480	200	140979	40.07	ng		97
70) Pentachlorophenol	16.662	266	103182	41.85	ng		96
71) Phenanthrene	17.045	178	773903	42.14	ng		99
72) Anthracene	17.139	178	774337	42.73	ng		99
73) Carbazole	17.415	167	733702	43.22	ng		98
74) Di-n-butylphthalate	17.980	149	728846	39.54	ng		99
75) Fluoranthene	19.068	202	958868	43.05	ng		98
77) Benzidine	19.262	184	296228	38.60	ng		99
78) Pyrene	19.427	202	1019593	43.72	ng		99
80) Butylbenzylphthalate	20.339	149	352360	40.36	ng		91
81) Benzo(a)anthracene	21.174	228	1038572	43.31	ng		100
82) 3,3'-Dichlorobenzidine	21.115	252	346057	45.17	ng	#	98
83) Chrysene	21.227	228	1015037	43.07	ng		99
84) Bis(2-ethylhexyl)phtha...	21.115	149	510981	36.52	ng		100
85) Di-n-octyl phthalate	21.980	149	877774	37.39	ng		97
87) Indeno(1,2,3-cd)pyrene	25.574	276	1300066	43.13	ng		98
88) Benzo(b)fluoranthene	22.721	252	1090577	42.90	ng		99
89) Benzo(k)fluoranthene	22.768	252	1077411	42.28	ng		99
90) Benzo(a)pyrene	23.280	252	1019382	42.71	ng		100
91) Dibenzo(a,h)anthracene	25.585	278	1103115	42.44	ng		98
92) Benzo(g,h,i)perylene	26.244	276	1062139	44.19	ng		97

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

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