Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
Data File : BM029574.D
Acq On : 21 Apr 2021 19:57
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Apr 22 04:30:07 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 21 15:14:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	69490	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	286400	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	218944	20.00	ng	0.00
64) Phenanthrene-d10	17.033	188	502991	20.00	ng	0.00
76) Chrysene-d12	21.215	240	601462	20.00	ng	0.00
86) Perylene-d12	23.409	264	625723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	269941	77.88	ng	0.00
7) Phenol-d6	6.828	99	423360	81.78	ng	0.00
23) Nitrobenzene-d5	8.804	82	460602	82.83	ng	0.00
42) 2,4,6-Tribromophenol	15.780	330	263464	87.01	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	1355077	84.00	ng	0.00
79) Terphenyl-d14	19.668	244	2614459	82.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	53009	37.94	ng	97
3) Pyridine	3.581	79	145089	40.74	ng	98
4) n-Nitrosodimethylamine	3.493	42	74073	42.38	ng	100
6) Aniline	6.981	93	234463	41.20	ng	99
8) 2-Chlorophenol	7.216	128	173054	40.16	ng	98
9) Benzaldehyde	6.798	77	117679	39.98	ng	98
10) Phenol	6.851	94	205593	40.98	ng	98
11) bis(2-Chloroethyl)ether	7.081	93	157808	41.23	ng	99
12) 1,3-Dichlorobenzene	7.540	146	197289	39.72	ng	100
13) 1,4-Dichlorobenzene	7.681	146	201451	39.61	ng	99
14) 1,2-Dichlorobenzene	7.998	146	200153	39.48	ng	98
15) Benzyl Alcohol	7.893	79	161725	42.99	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	206332	40.89	ng	99
17) 2-Methylphenol	8.092	107	143342	41.00	ng	98
18) Hexachloroethane	8.716	117	74150	40.38	ng	98
19) n-Nitroso-di-n-propyla...	8.457	70	161294	42.72	ng	98
20) 3+4-Methylphenols	8.422	107	202038	42.02	ng	99
22) Acetophenone	8.469	105	276708	40.30	ng	99
24) Nitrobenzene	8.845	77	231087	41.09	ng	100
25) Isophorone	9.369	82	435645	41.69	ng	100
26) 2-Nitrophenol	9.551	139	101779	38.33	ng	98
27) 2,4-Dimethylphenol	9.616	122	156411	41.67	ng	98
28) bis(2-Chloroethoxy)met...	9.851	93	215994	41.84	ng	99
29) 2,4-Dichlorophenol	10.081	162	209162	42.24	ng	97
30) 1,2,4-Trichlorobenzene	10.292	180	230110	40.35	ng	98
31) Naphthalene	10.475	128	601410	40.84	ng	99
32) Benzoic acid	9.769	122	124311	39.35	ng	96
33) 4-Chloroaniline	10.592	127	248614	42.81	ng	98
34) Hexachlorobutadiene	10.763	225	149545	41.19	ng	96
35) Caprolactam	11.386	113	62723	41.84	ng	98
36) 4-Chloro-3-methylphenol	11.722	107	207223	42.83	ng	99
37) 2-Methylnaphthalene	12.098	142	489709	41.54	ng	98
38) 1-Methylnaphthalene	12.316	142	461635	41.07	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	273247	41.62	ng	99
41) Hexachlorocyclopentadiene	12.451	237	150751	41.14	ng	100
43) 2,4,6-Trichlorophenol	12.716	196	194871	43.17	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.786	196	214209	42.99	ng	98
46) 1,1'-Biphenyl	13.122	154	666139	41.62	ng	99
47) 2-Chloronaphthalene	13.163	162	531059	41.46	ng	99
48) 2-Nitroaniline	13.369	65	145406	41.07	ng	96
49) Acenaphthylene	14.010	152	828367	42.18	ng	99
50) Dimethylphthalate	13.757	163	695818	42.05	ng	99
51) 2,6-Dinitrotoluene	13.874	165	158165	43.42	ng	96
52) Acenaphthene	14.357	154	516426	41.98	ng	98
53) 3-Nitroaniline	14.204	138	134860	40.38	ng	99
54) 2,4-Dinitrophenol	14.410	184	88938	40.58	ng	94
55) Dibenzofuran	14.692	168	875848	42.17	ng	98
56) 4-Nitrophenol	14.516	139	116889	43.38	ng	96
57) 2,4-Dinitrotoluene	14.663	165	220871	44.90	ng	100
58) Fluorene	15.339	166	744886	42.71	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.921	232	190295	42.92	ng	99
60) Diethylphthalate	15.127	149	705585	43.44	ng	98
61) 4-Chlorophenyl-phenyle...	15.339	204	377536	42.78	ng	98
62) 4-Nitroaniline	15.368	138	145208	40.57	ng	99
63) Azobenzene	15.633	77	683353	44.31	ng	100
65) 4,6-Dinitro-2-methylph...	15.427	198	135404	40.50	ng	97
66) n-Nitrosodiphenylamine	15.557	169	643464	41.38	ng	99
67) 4-Bromophenyl-phenylether	16.233	248	217411	41.40	ng	99
68) Hexachlorobenzene	16.345	284	243150	40.72	ng	99
69) Atrazine	16.510	200	238623	43.01	ng	98
70) Pentachlorophenol	16.686	266	160979	41.40	ng	97
71) Phenanthrene	17.074	178	1178915	40.71	ng	99
72) Anthracene	17.168	178	1190655	41.67	ng	100
73) Carbazole	17.439	167	1115150	41.66	ng	100
74) Di-n-butylphthalate	18.009	149	1276103	43.90	ng	100
75) Fluoranthene	19.092	202	1464103	41.69	ng	99
77) Benzidine	19.286	184	583468	45.82	ng	99
78) Pyrene	19.456	202	1552881	40.13	ng	99
80) Butylbenzylphthalate	20.362	149	625640	43.19	ng	98
81) Benzo(a)anthracene	21.203	228	1607389	40.40	ng	99
82) 3,3'-Dichlorobenzidine	21.139	252	547550	43.07	ng	98
83) Chrysene	21.256	228	1583583	40.50	ng	100
84) Bis(2-ethylhexyl)phtha...	21.139	149	1042811	44.92	ng	98
85) Di-n-octyl phthalate	22.009	149	1727875	44.35	ng	99
87) Indeno(1,2,3-cd)pyrene	25.627	276	1979811	40.92	ng	100
88) Benzo(b)fluoranthene	22.756	252	1727669	42.34	ng	100
89) Benzo(k)fluoranthene	22.803	252	1618146	39.57	ng	99
90) Benzo(a)pyrene	23.321	252	1570160	40.99	ng	99
91) Dibenzo(a,h)anthracene	25.633	278	1717136	41.16	ng	100
92) Benzo(g,h,i)perylene	26.297	276	1563621	40.53	ng	99

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

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