Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
Data File : BM029565.D
Acq On : 21 Apr 2021 11:28
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC020

Quant Time: Apr 21 13:08:00 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 13:05:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	70536	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	289809	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	225326	20.00	ng	0.00
64) Phenanthrene-d10	17.033	188	484108	20.00	ng	0.00
76) Chrysene-d12	21.215	240	541326	20.00	ng	0.00
86) Perylene-d12	23.415	264	569710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	151453	43.59	ng	0.00
7) Phenol-d6	6.828	99	228591	43.91	ng	0.00
23) Nitrobenzene-d5	8.804	82	239369	42.94	ng	0.00
42) 2,4,6-Tribromophenol	15.780	330	123432	39.26	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	677714	40.85	ng	0.00
79) Terphenyl-d14	19.662	244	1164886	40.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	32457	23.69	ng	98
3) Pyridine	3.587	79	80922	23.06	ng	97
4) n-Nitrosodimethylamine	3.499	42	39251	22.71	ng	96
6) Aniline	6.981	93	125080	21.86	ng	100
8) 2-Chlorophenol	7.216	128	95940	22.22	ng	98
9) Benzaldehyde	6.798	77	66963	22.63	ng	96
10) Phenol	6.851	94	110740	22.14	ng	98
11) bis(2-Chloroethyl)ether	7.081	93	84410	21.72	ng	94
12) 1,3-Dichlorobenzene	7.540	146	110875	22.05	ng	98
13) 1,4-Dichlorobenzene	7.687	146	112585	21.82	ng	100
14) 1,2-Dichlorobenzene	7.998	146	110647	21.64	ng	98
15) Benzyl Alcohol	7.892	79	83107	21.77	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.181	45	110590	21.97	ng	99
17) 2-Methylphenol	8.092	107	75333	21.34	ng	97
18) Hexachloroethane	8.716	117	40277	21.37	ng	99
19) n-Nitroso-di-n-propyla...	8.457	70	83818	21.93	ng	97
20) 3+4-Methylphenols	8.422	107	105882	21.60	ng	99
22) Acetophenone	8.469	105	144045	20.74	ng	99
24) Nitrobenzene	8.845	77	119117	21.07	ng	99
25) Isophorone	9.369	82	225514	21.13	ng	99
26) 2-Nitrophenol	9.551	139	50427	20.20	ng	99
27) 2,4-Dimethylphenol	9.616	122	79554	20.83	ng	95
28) bis(2-Chloroethoxy)met...	9.851	93	110858	20.94	ng	99
29) 2,4-Dichlorophenol	10.081	162	105257	20.84	ng	98
30) 1,2,4-Trichlorobenzene	10.292	180	121489	21.01	ng	100
31) Naphthalene	10.481	128	317536	21.27	ng	98
32) Benzoic acid	9.739	122	51376	17.14	ng	97
33) 4-Chloroaniline	10.592	127	122551	20.57	ng	98
34) Hexachlorobutadiene	10.763	225	78728	21.17	ng	93
35) Caprolactam	11.369	113	30362	19.99	ng	94
36) 4-Chloro-3-methylphenol	11.722	107	103050	20.78	ng	97
37) 2-Methylnaphthalene	12.098	142	249201	20.96	ng	98
38) 1-Methylnaphthalene	12.316	142	240737	21.05	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	138584	20.57	ng	99
41) Hexachlorocyclopentadiene	12.451	237	73872	20.10	ng	98
43) 2,4,6-Trichlorophenol	12.716	196	95926	20.50	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.786	196	105674	20.48	ng	98
46) 1,1'-Biphenyl	13.122	154	339352	20.51	ng	99
47) 2-Chloronaphthalene	13.157	162	271179	20.63	ng	100
48) 2-Nitroaniline	13.369	65	67937	20.84	ng	98
49) Acenaphthylene	14.010	152	420373	20.79	ng	99
50) Dimethylphthalate	13.757	163	351307	20.62	ng	99
51) 2,6-Dinitrotoluene	13.869	165	78106	20.71	ng	99
52) Acenaphthene	14.357	154	258184	20.48	ng	98
53) 3-Nitroaniline	14.198	138	64705	20.70	ng	97
54) 2,4-Dinitrophenol	14.410	184	37935	18.50	ng	97
55) Dibenzofuran	14.692	168	441065	20.76	ng	98
56) 4-Nitrophenol	14.516	139	52700	19.31	ng	95
57) 2,4-Dinitrotoluene	14.663	165	105628	20.57	ng	99
58) Fluorene	15.339	166	363625	20.29	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.921	232	94418	20.36	ng	99
60) Diethylphthalate	15.121	149	343367	20.28	ng	99
61) 4-Chlorophenyl-phenyle...	15.339	204	183347	20.21	ng	96
62) 4-Nitroaniline	15.368	138	68171	20.94	ng	97
63) Azobenzene	15.633	77	332816	20.87	ng	99
65) 4,6-Dinitro-2-methylph...	15.421	198	62155	19.08	ng	98
66) n-Nitrosodiphenylamine	15.557	169	312244	20.88	ng	97
67) 4-Bromophenyl-phenylether	16.233	248	103912	20.10	ng	100
68) Hexachlorobenzene	16.345	284	118620	20.53	ng	98
69) Atrazine	16.510	200	113245	20.91	ng	99
70) Pentachlorophenol	16.686	266	73431	19.56	ng	95
71) Phenanthrene	17.074	178	579354	20.93	ng	100
72) Anthracene	17.168	178	575047	21.02	ng	99
73) Carbazole	17.439	167	538845	20.97	ng	99
74) Di-n-butylphthalate	18.009	149	578121	20.21	ng	99
75) Fluoranthene	19.092	202	697686	20.57	ng	99
77) Benzidine	19.286	184	232219	20.23	ng	99
78) Pyrene	19.456	202	741459	21.39	ng	99
80) Butylbenzylphthalate	20.362	149	273352	20.55	ng	100
81) Benzo(a)anthracene	21.203	228	747141	20.85	ng	99
82) 3,3'-Dichlorobenzidine	21.139	252	237272	20.46	ng	100
83) Chrysene	21.250	228	734693	20.86	ng	100
84) Bis(2-ethylhexyl)phtha...	21.145	149	425842	19.59	ng	99
85) Di-n-octyl phthalate	22.009	149	729068	19.83	ng	98
87) Indeno(1,2,3-cd)pyrene	25.621	276	910069	20.44	ng	99
88) Benzo(b)fluoranthene	22.756	252	761976	20.40	ng	99
89) Benzo(k)fluoranthene	22.797	252	778855	21.31	ng	99
90) Benzo(a)pyrene	23.315	252	726684	20.93	ng	98
91) Dibenzo(a,h)anthracene	25.627	278	780247	20.32	ng	100
92) Benzo(g,h,i)perylene	26.291	276	736984	20.71	ng	99

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

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