Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061421\
Data File : BM030431.D
Acq On : 14 Jun 2021 11:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jun 14 12:05:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 14:10:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	218910	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	848672	20.000	ng	#	0.00
39) Acenaphthene-d10	14.457	164	514655	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	974280	20.000	ng		0.00
76) Chrysene-d12	21.356	240	861692	20.000	ng		0.00
86) Perylene-d12	23.633	264	840018	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1097624	81.511	ng		0.00
7) Phenol-d6	6.998	99	1557442	79.894	ng		0.00
23) Nitrobenzene-d5	8.992	82	1422454	81.655	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	550042	85.006	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	3264190	83.407	ng		0.00
79) Terphenyl-d14	19.804	244	4068547	82.932	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	229314	39.392	ng		89
3) Pyridine	3.740	79	611644	41.160	ng	#	84
4) n-Nitrosodimethylamine	3.652	42	288194	38.203	ng		83
6) Aniline	7.163	93	847238	38.085	ng		97
8) 2-Chlorophenol	7.398	128	624061	39.486	ng		98
9) Benzaldehyde	6.975	77	356877	43.831	ng		93
10) Phenol	7.022	94	764660	38.829	ng		93
11) bis(2-Chloroethyl)ether	7.257	93	592898	38.211	ng		93
12) 1,3-Dichlorobenzene	7.722	146	684440	39.307	ng		98
13) 1,4-Dichlorobenzene	7.869	146	698114	39.342	ng		98
14) 1,2-Dichlorobenzene	8.187	146	673196	38.999	ng		100
15) Benzyl Alcohol	8.069	79	529761	38.724	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.363	45	909141	36.413	ng		90
17) 2-Methylphenol	8.269	107	505257	39.592	ng		94
18) Hexachloroethane	8.910	117	250621	39.296	ng		97
19) n-Nitroso-di-n-propyla...	8.640	70	482780	37.301	ng		100
20) 3+4-Methylphenols	8.598	107	688404	39.648	ng		96
22) Acetophenone	8.651	105	917945	40.483	ng		99
24) Nitrobenzene	9.028	77	715574	39.378	ng		98
25) Isophorone	9.557	82	1268990	38.008	ng		99
26) 2-Nitrophenol	9.739	139	328301	41.715	ng		96
27) 2,4-Dimethylphenol	9.792	122	500448	38.723	ng		97
28) bis(2-Chloroethoxy)met...	10.034	93	719668	37.911	ng		99
29) 2,4-Dichlorophenol	10.269	162	593945	40.996	ng		98
30) 1,2,4-Trichlorobenzene	10.486	180	663578	40.127	ng		100
31) Naphthalene	10.669	128	1904058	38.515	ng		99
32) Benzoic acid	9.939	122	321013	33.655	ng		93
33) 4-Chloroaniline	10.781	127	777902	38.665	ng		98
34) Hexachlorobutadiene	10.957	225	404340	40.960	ng		96
35) Caprolactam	11.569	113	169043	35.629	ng	#	80
36) 4-Chloro-3-methylphenol	11.898	107	583051	38.420	ng		98
37) 2-Methylnaphthalene	12.280	142	1378970	38.017	ng		99
38) 1-Methylnaphthalene	12.498	142	1299622	37.617	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	725681	43.745	ng		99
41) Hexachlorocyclopentadiene	12.628	237	393709	43.285	ng		98
43) 2,4,6-Trichlorophenol	12.886	196	483422	43.106	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	521301	42.377	ng	98
46) 1,1'-Biphenyl	13.292	154	1711135	41.056	ng	98
47) 2-Chloronaphthalene	13.333	162	1361148	40.405	ng	99
48) 2-Nitroaniline	13.533	65	365222	36.619	ng	99
49) Acenaphthylene	14.180	152	2068655	40.084	ng	99
50) Dimethylphthalate	13.916	163	1548182	37.799	ng	99
51) 2,6-Dinitrotoluene	14.033	165	358196	39.673	ng	94
52) Acenaphthene	14.522	154	1272812	38.612	ng	99
53) 3-Nitroaniline	14.363	138	346331	35.496	ng	100
54) 2,4-Dinitrophenol	14.569	184	190791	39.715	ng	86
55) Dibenzofuran	14.857	168	2005196	38.229	ng	99
56) 4-Nitrophenol	14.663	139	285984	37.302	ng	93
57) 2,4-Dinitrotoluene	14.816	165	464807	37.142	ng	99
58) Fluorene	15.504	166	1642347	37.954	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.080	232	435527	40.907	ng	96
60) Diethylphthalate	15.274	149	1486091	36.296	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	820450	38.471	ng	97
62) 4-Nitroaniline	15.521	138	352134	34.474	ng	87
63) Azobenzene	15.786	77	1501002	36.295	ng	98
65) 4,6-Dinitro-2-methylph...	15.580	198	274569	42.269	ng	95
66) n-Nitrosodiphenylamine	15.710	169	1378536	40.687	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	478643	42.157	ng	98
68) Hexachlorobenzene	16.504	284	535391	41.587	ng	96
69) Atrazine	16.657	200	392071	43.208	ng	95
70) Pentachlorophenol	16.845	266	322974	42.863	ng	97
71) Phenanthrene	17.233	178	2378470	38.797	ng	100
72) Anthracene	17.327	178	2358502	39.622	ng	99
73) Carbazole	17.592	167	2175249	38.320	ng	100
74) Di-n-butylphthalate	18.157	149	2302006	38.897	ng	99
75) Fluoranthene	19.245	202	2604848	37.433	ng	99
77) Benzidine	19.427	184	758492	49.749	ng	98
78) Pyrene	19.604	202	2698490	41.328	ng	99
80) Butylbenzylphthalate	20.498	149	921231	35.308	ng	96
81) Benzo(a)anthracene	21.339	228	2479733	39.540	ng	99
82) 3,3'-Dichlorobenzidine	21.274	252	775360	40.840	ng	99
83) Chrysene	21.392	228	2414137	39.610	ng	99
84) Bis(2-ethylhexyl)phtha...	21.268	149	1283604	33.012	ng	99
85) Di-n-octyl phthalate	22.150	149	2049508	34.020	ng	99
87) Indeno(1,2,3-cd)pyrene	25.944	276	2734939	42.805	ng	98
88) Benzo(b)fluoranthene	22.945	252	2437841	38.344	ng	99
89) Benzo(k)fluoranthene	22.992	252	2342098	37.718	ng	99
90) Benzo(a)pyrene	23.533	252	2232939	39.717	ng	99
91) Dibenzo(a,h)anthracene	25.950	278	2330797	42.311	ng	99
92) Benzo(g,h,i)perylene	26.650	276	2289519	43.695	ng	97

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

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