Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011222\
Data File : BM033710.D
Acq On : 12 Jan 2022 21:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Jan 13 07:52:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 13 07:49:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.966	152	175474	20.000	ng		0.00
21) Naphthalene-d8	10.783	136	675170	20.000	ng		0.00
39) Acenaphthene-d10	14.607	164	377745	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	688690	20.000	ng		0.00
76) Chrysene-d12	21.506	240	674677	20.000	ng		0.00
86) Perylene-d12	23.924	264	717893	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.513	112	866908	77.917	ng		0.00
7) Phenol-d6	7.125	99	1128817	75.278	ng		0.00
23) Nitrobenzene-d5	9.136	82	1121631	76.721	ng		0.00
42) 2,4,6-Tribromophenol	16.089	330	356653	90.396	ng		0.00
45) 2-Fluorobiphenyl	13.236	172	2288786	79.361	ng		0.00
79) Terphenyl-d14	19.953	244	2849406	76.020	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	165724	33.233	ng	#	92
3) Pyridine	3.760	79	462875	35.847	ng		92
4) n-Nitrosodimethylamine	3.666	42	219951	34.095	ng	#	71
6) Aniline	7.284	93	640842	37.727	ng		95
8) 2-Chlorophenol	7.531	128	474613	39.010	ng		89
9) Benzaldehyde	7.095	77	334945	36.382	ng		90
10) Phenol	7.154	94	571427	37.902	ng		93
11) bis(2-Chloroethyl)ether	7.384	93	441796	37.148	ng		93
12) 1,3-Dichlorobenzene	7.860	146	543310	39.954	ng		94
13) 1,4-Dichlorobenzene	8.001	146	549522	39.515	ng		97
14) 1,2-Dichlorobenzene	8.325	146	531042	39.487	ng		98
15) Benzyl Alcohol	8.207	79	463001	37.824	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.507	45	561707	31.319	ng		95
17) 2-Methylphenol	8.413	107	401176	38.548	ng		95
18) Hexachloroethane	9.060	117	203054	38.535	ng		94
19) n-Nitroso-di-n-propyla...	8.783	70	346970	35.415	ng	#	90
20) 3+4-Methylphenols	8.742	107	541689	38.099	ng		95
22) Acetophenone	8.795	105	700140	38.665	ng	#	92
24) Nitrobenzene	9.178	77	526493	37.871	ng	#	90
25) Isophorone	9.707	82	883833	37.322	ng		97
26) 2-Nitrophenol	9.889	139	258847	44.190	ng	#	85
27) 2,4-Dimethylphenol	9.954	122	376482	38.500	ng		96
28) bis(2-Chloroethoxy)met...	10.189	93	569157	36.458	ng		97
29) 2,4-Dichlorophenol	10.430	162	431424	40.296	ng		98
30) 1,2,4-Trichlorobenzene	10.648	180	484129	40.484	ng		98
31) Naphthalene	10.836	128	1445479	39.062	ng		100
32) Benzoic acid	10.089	122	305571	44.409	ng		89
33) 4-Chloroaniline	10.936	127	560170	38.365	ng		94
34) Hexachlorobutadiene	11.130	225	321415	41.150	ng		98
35) Caprolactam	11.724	113	125536	42.276	ng	#	74
36) 4-Chloro-3-methylphenol	12.060	107	469921	37.785	ng		99
37) 2-Methylnaphthalene	12.442	142	947561	37.895	ng		100
38) 1-Methylnaphthalene	12.660	142	915843	37.684	ng		100
40) 1,2,4,5-Tetrachloroben...	12.813	216	486394	40.731	ng		99
41) Hexachlorocyclopentadiene	12.795	237	294474	39.200	ng		98
43) 2,4,6-Trichlorophenol	13.048	196	330856	42.471	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.118	196	340180	41.275	ng		96
46) 1,1'-Biphenyl	13.448	154	1194964	38.728	ng		98
47) 2-Chloronaphthalene	13.489	162	928085	40.057	ng		98
48) 2-Nitroaniline	13.683	65	283096	38.951	ng	#	84
49) Acenaphthylene	14.330	152	1412978	39.079	ng		98
50) Dimethylphthalate	14.065	163	1116602	38.077	ng		98
51) 2,6-Dinitrotoluene	14.177	165	224038	39.449	ng		89
52) Acenaphthene	14.671	154	905462	38.498	ng		99
53) 3-Nitroaniline	14.501	138	246192	40.620	ng		91
54) 2,4-Dinitrophenol	14.707	184	98358	37.524	ng	#	87
55) Dibenzofuran	15.001	168	1348977	38.263	ng		96
56) 4-Nitrophenol	14.801	139	199440	41.520	ng	#	88
57) 2,4-Dinitrotoluene	14.960	165	300653	41.460	ng		85
58) Fluorene	15.648	166	1023061	37.881	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.224	232	280801	40.350	ng		99
60) Diethylphthalate	15.424	149	1099245	36.388	ng		99
61) 4-Chlorophenyl-phenyle...	15.642	204	530907	38.098	ng		93
62) 4-Nitroaniline	15.659	138	250562	42.443	ng		91
63) Azobenzene	15.936	77	1033884	34.618	ng		93
65) 4,6-Dinitro-2-methylph...	15.718	198	143734	38.012	ng		86
66) n-Nitrosodiphenylamine	15.854	169	880965	37.852	ng		98
67) 4-Bromophenyl-phenylether	16.536	248	298223	39.148	ng		97
68) Hexachlorobenzene	16.654	284	335863	38.714	ng		97
69) Atrazine	16.801	200	307255	38.482	ng		98
70) Pentachlorophenol	16.995	266	229864	43.569	ng		98
71) Phenanthrene	17.383	178	1517705	38.512	ng		99
72) Anthracene	17.477	178	1511166	39.093	ng		99
73) Carbazole	17.742	167	1477018	40.530	ng		99
74) Di-n-butylphthalate	18.306	149	1702769	36.198	ng		100
75) Fluoranthene	19.395	202	1717578	41.516	ng		99
77) Benzidine	19.571	184	638437	31.529	ng		100
78) Pyrene	19.753	202	1800396	37.902	ng		99
80) Butylbenzylphthalate	20.642	149	820603	38.678	ng		94
81) Benzo(a)anthracene	21.488	228	1783192	38.977	ng		99
82) 3,3'-Dichlorobenzidine	21.418	252	686983	42.329	ng		98
83) Chrysene	21.541	228	1697692	38.777	ng		99
84) Bis(2-ethylhexyl)phtha...	21.424	149	1111604	34.395	ng	#	98
85) Di-n-octyl phthalate	22.347	149	2017594	38.389	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.459	276	2122570	40.094	ng		99
88) Benzo(b)fluoranthene	23.188	252	1776904	38.822	ng		100
89) Benzo(k)fluoranthene	23.235	252	1716266	38.690	ng		99
90) Benzo(a)pyrene	23.818	252	1510108	39.754	ng		99
91) Dibenzo(a,h)anthracene	26.476	278	1793632	40.791	ng		97
92) Benzo(g,h,i)perylene	27.235	276	1747428	40.420	ng		99

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

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