Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011322\
Data File : BM033716.D
Acq On : 13 Jan 2022 15:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Jan 13 20:50:37 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	170730	20.000	ng		0.00
21) Naphthalene-d8	10.783	136	658705	20.000	ng		0.00
39) Acenaphthene-d10	14.607	164	379200	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	699260	20.000	ng		0.00
76) Chrysene-d12	21.506	240	662096	20.000	ng		0.00
86) Perylene-d12	23.924	264	700858	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.507	112	776481	71.728	ng		0.00
7) Phenol-d6	7.125	99	1016483	69.670	ng		0.00
23) Nitrobenzene-d5	9.131	82	996998	69.901	ng		0.00
42) 2,4,6-Tribromophenol	16.089	330	335830	84.792	ng		0.00
45) 2-Fluorobiphenyl	13.236	172	2047333	70.716	ng		0.00
79) Terphenyl-d14	19.953	244	2479546	67.410	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	155443	32.037	ng	#	92
3) Pyridine	3.760	79	427645	34.039	ng		93
4) n-Nitrosodimethylamine	3.666	42	200296	31.911	ng	#	66
6) Aniline	7.284	93	569402	34.453	ng		96
8) 2-Chlorophenol	7.531	128	424585	35.867	ng		88
9) Benzaldehyde	7.095	77	295698	32.633	ng		88
10) Phenol	7.148	94	510315	34.789	ng		93
11) bis(2-Chloroethyl)ether	7.384	93	389653	33.674	ng		91
12) 1,3-Dichlorobenzene	7.854	146	475785	35.961	ng		96
13) 1,4-Dichlorobenzene	8.001	146	486966	35.990	ng		97
14) 1,2-Dichlorobenzene	8.325	146	466791	35.673	ng		98
15) Benzyl Alcohol	8.207	79	405090	34.012	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.501	45	498164	28.548	ng		96
17) 2-Methylphenol	8.413	107	354202	34.980	ng		95
18) Hexachloroethane	9.060	117	178907	34.895	ng		98
19) n-Nitroso-di-n-propyla...	8.784	70	310975	32.623	ng	#	87
20) 3+4-Methylphenols	8.742	107	480390	34.727	ng		95
22) Acetophenone	8.795	105	629982	35.660	ng	#	92
24) Nitrobenzene	9.178	77	466228	34.374	ng		91
25) Isophorone	9.707	82	770892	33.367	ng		97
26) 2-Nitrophenol	9.889	139	227457	39.802	ng	#	87
27) 2,4-Dimethylphenol	9.954	122	332859	34.890	ng		97
28) bis(2-Chloroethoxy)met...	10.189	93	504887	33.149	ng		97
29) 2,4-Dichlorophenol	10.431	162	378908	36.275	ng		99
30) 1,2,4-Trichlorobenzene	10.648	180	423034	36.259	ng		99
31) Naphthalene	10.836	128	1277056	35.373	ng		99
32) Benzoic acid	10.083	122	273568	40.752	ng		90
33) 4-Chloroaniline	10.936	127	506287	35.542	ng		93
34) Hexachlorobutadiene	11.130	225	279868	36.726	ng		95
35) Caprolactam	11.725	113	112568	38.856	ng	#	74
36) 4-Chloro-3-methylphenol	12.060	107	420702	34.673	ng		99
37) 2-Methylnaphthalene	12.442	142	848810	34.794	ng		98
38) 1-Methylnaphthalene	12.660	142	823842	34.746	ng		100
40) 1,2,4,5-Tetrachloroben...	12.813	216	432676	36.094	ng		99
41) Hexachlorocyclopentadiene	12.795	237	220867	29.289	ng		98
43) 2,4,6-Trichlorophenol	13.042	196	298033	38.111	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.113	196	315601	38.145	ng		96
46) 1,1'-Biphenyl	13.448	154	1079795	34.861	ng		98
47) 2-Chloronaphthalene	13.489	162	839634	36.100	ng		99
48) 2-Nitroaniline	13.683	65	261980	35.907	ng	#	86
49) Acenaphthylene	14.330	152	1285033	35.404	ng		99
50) Dimethylphthalate	14.066	163	996919	33.866	ng		99
51) 2,6-Dinitrotoluene	14.177	165	207867	36.461	ng		89
52) Acenaphthene	14.671	154	833796	35.315	ng		97
53) 3-Nitroaniline	14.501	138	228446	37.547	ng		89
54) 2,4-Dinitrophenol	14.707	184	102660	39.015	ng	#	85
55) Dibenzofuran	15.001	168	1241351	35.075	ng		96
56) 4-Nitrophenol	14.801	139	183706	38.098	ng		89
57) 2,4-Dinitrotoluene	14.960	165	279781	38.433	ng	#	82
58) Fluorene	15.648	166	953765	35.180	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.230	232	261023	37.364	ng		99
60) Diethylphthalate	15.424	149	996165	32.849	ng		99
61) 4-Chlorophenyl-phenyle...	15.642	204	489867	35.018	ng		96
62) 4-Nitroaniline	15.660	138	227606	38.407	ng		91
63) Azobenzene	15.936	77	962490	32.104	ng		93
65) 4,6-Dinitro-2-methylph...	15.718	198	146716	38.214	ng		88
66) n-Nitrosodiphenylamine	15.854	169	816254	34.541	ng		99
67) 4-Bromophenyl-phenylether	16.536	248	286631	37.058	ng		97
68) Hexachlorobenzene	16.654	284	312396	35.465	ng		98
69) Atrazine	16.801	200	280061	34.546	ng		99
70) Pentachlorophenol	16.995	266	212106	39.595	ng		98
71) Phenanthrene	17.383	178	1394417	34.849	ng		100
72) Anthracene	17.477	178	1375722	35.051	ng		99
73) Carbazole	17.742	167	1336927	36.131	ng		100
74) Di-n-butylphthalate	18.312	149	1553715	32.530	ng		99
75) Fluoranthene	19.395	202	1531319	36.454	ng		99
77) Benzidine	19.571	184	733970	36.936	ng		99
78) Pyrene	19.753	202	1575301	33.793	ng		99
80) Butylbenzylphthalate	20.647	149	703952	33.810	ng		90
81) Benzo(a)anthracene	21.489	228	1567043	34.903	ng		99
82) 3,3'-Dichlorobenzidine	21.424	252	607701	38.156	ng		99
83) Chrysene	21.542	228	1508882	35.119	ng		99
84) Bis(2-ethylhexyl)phtha...	21.424	149	958340	30.216	ng		99
85) Di-n-octyl phthalate	22.353	149	1725295	33.451	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.459	276	1877042	36.318	ng		100
88) Benzo(b)fluoranthene	23.189	252	1558748	34.884	ng		100
89) Benzo(k)fluoranthene	23.236	252	1563411	36.101	ng		99
90) Benzo(a)pyrene	23.824	252	1333505	35.958	ng		99
91) Dibenzo(a,h)anthracene	26.482	278	1573684	36.658	ng		97
92) Benzo(g,h,i)perylene	27.241	276	1531010	36.275	ng		99

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

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