Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039093.D
Acq On : 22 Mar 2023 15:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Mar 23 04:22:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 03:36:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	372247	20.000	ng		0.00
21) Naphthalene-d8	10.780	136	1437898	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	757507	20.000	ng		0.00
64) Phenanthrene-d10	17.351	188	1347166	20.000	ng		0.00
76) Chrysene-d12	21.533	240	1082288	20.000	ng		0.00
86) Perylene-d12	23.962	264	1198416	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1931478	78.831	ng		0.00
7) Phenol-d6	7.134	99	2493344	78.346	ng		0.00
23) Nitrobenzene-d5	9.139	82	2363157	80.729	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	670009	76.458	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	4608753	79.203	ng		0.00
79) Terphenyl-d14	19.974	244	4739669	80.068	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	412644	37.857	ng		99
3) Pyridine	3.799	79	1136523	37.596	ng		98
4) n-Nitrosodimethylamine	3.710	42	470334	38.234	ng		93
6) Aniline	7.292	93	1595654	38.186	ng		99
8) 2-Chlorophenol	7.528	128	1046499	40.119	ng		99
9) Benzaldehyde	7.104	77	532762	35.179	ng		97
10) Phenol	7.157	94	1311024	38.792	ng		99
11) bis(2-Chloroethyl)ether	7.392	93	1083572	39.435	ng		99
12) 1,3-Dichlorobenzene	7.857	146	1084132	39.109	ng		98
13) 1,4-Dichlorobenzene	8.004	146	1111018	39.408	ng		99
14) 1,2-Dichlorobenzene	8.322	146	1063692	39.168	ng		100
15) Benzyl Alcohol	8.210	79	875373	38.376	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1388630	40.016	ng		99
17) 2-Methylphenol	8.416	107	932717	40.176	ng		99
18) Hexachloroethane	9.051	117	416775	40.067	ng		98
19) n-Nitroso-di-n-propyla...	8.786	70	839338	41.872	ng		99
20) 3+4-Methylphenols	8.745	107	1256217	40.525	ng		99
22) Acetophenone	8.798	105	1578329	39.124	ng	#	98
24) Nitrobenzene	9.181	77	1231023	40.011	ng		99
25) Isophorone	9.710	82	2192302	40.698	ng		100
26) 2-Nitrophenol	9.892	139	560424	41.673	ng		96
27) 2,4-Dimethylphenol	9.951	122	941131	40.097	ng		100
28) bis(2-Chloroethoxy)met...	10.192	93	1363921	39.406	ng		99
29) 2,4-Dichlorophenol	10.428	162	911649	40.968	ng		99
30) 1,2,4-Trichlorobenzene	10.645	180	948515	39.006	ng		99
31) Naphthalene	10.833	128	3197767	39.001	ng		99
32) Benzoic acid	10.092	122	708309	41.951	ng		99
33) 4-Chloroaniline	10.945	127	1323658	37.881	ng		100
34) Hexachlorobutadiene	11.116	225	551634	39.558	ng		98
35) Caprolactam	11.739	113	263756	38.944	ng		98
36) 4-Chloro-3-methylphenol	12.063	107	930614	39.273	ng		99
37) 2-Methylnaphthalene	12.439	142	2124352	38.656	ng		99
38) 1-Methylnaphthalene	12.657	142	1987911	38.600	ng		100
40) 1,2,4,5-Tetrachloroben...	12.804	216	975958	39.631	ng		99
41) Hexachlorocyclopentadiene	12.786	237	459914	34.024	ng		100
43) 2,4,6-Trichlorophenol	13.045	196	662252	41.529	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	766995	41.091	ng	97
46) 1,1'-Biphenyl	13.445	154	2538079	39.550	ng	99
47) 2-Chloronaphthalene	13.486	162	1925231	39.784	ng	99
48) 2-Nitroaniline	13.692	65	599624	39.130	ng	94
49) Acenaphthylene	14.333	152	3068456	39.808	ng	100
50) Dimethylphthalate	14.069	163	2241672	38.458	ng	100
51) 2,6-Dinitrotoluene	14.186	165	488506	38.209	ng	99
52) Acenaphthene	14.674	154	1835123	38.739	ng	99
53) 3-Nitroaniline	14.516	138	546919	36.680	ng	97
54) 2,4-Dinitrophenol	14.716	184	273658	39.728	ng	97
55) Dibenzofuran	15.004	168	2827291	38.140	ng	99
56) 4-Nitrophenol	14.816	139	428107	36.981	ng	100
57) 2,4-Dinitrotoluene	14.968	165	628118	37.498	ng	97
58) Fluorene	15.657	166	2208192	38.028	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	561508	39.006	ng	99
60) Diethylphthalate	15.427	149	2158614	38.060	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1081451	37.910	ng	99
62) 4-Nitroaniline	15.674	138	543942	35.919	ng	99
63) Azobenzene	15.939	77	2310642	38.503	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	357381	41.176	ng	93
66) n-Nitrosodiphenylamine	15.863	169	1845858	40.644	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	600855	41.293	ng	99
68) Hexachlorobenzene	16.657	284	642400	39.492	ng	99
69) Atrazine	16.815	200	510113	41.121	ng	99
70) Pentachlorophenol	16.998	266	477142	39.882	ng	99
71) Phenanthrene	17.392	178	3072597	38.861	ng	100
72) Anthracene	17.486	178	3122002	39.595	ng	100
73) Carbazole	17.756	167	2796330	38.858	ng	99
74) Di-n-butylphthalate	18.321	149	3291729	37.897	ng	99
75) Fluoranthene	19.409	202	3167473	37.942	ng	99
77) Benzidine	19.598	184	464674	21.798	ng	98
78) Pyrene	19.768	202	3338944	41.075	ng	100
80) Butylbenzylphthalate	20.662	149	1396585	40.930	ng	98
81) Benzo(a)anthracene	21.515	228	3094000	39.697	ng	99
82) 3,3'-Dichlorobenzidine	21.450	252	1006526	42.019	ng	99
83) Chrysene	21.568	228	2974320	39.237	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1991945	40.280	ng	100
85) Di-n-octyl phthalate	22.380	149	3432495	41.911	ng	99
87) Indeno(1,2,3-cd)pyrene	26.497	276	3695576	40.526	ng	99
88) Benzo(b)fluoranthene	23.221	252	2974515	38.851	ng	100
89) Benzo(k)fluoranthene	23.274	252	3078126	38.632	ng	99
90) Benzo(a)pyrene	23.856	252	2959784	40.168	ng	99
91) Dibenzo(a,h)anthracene	26.515	278	3108197	40.247	ng	98
92) Benzo(g,h,i)perylene	27.279	276	3064635	40.561	ng	100

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

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