Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
Data File : BM040157.D
Acq On : 08 Jun 2023 14:08
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 08 23:15:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 23:06:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	398682	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	1632366	20.000	ng		0.00
39) Acenaphthene-d10	14.633	164	952050	20.000	ng		0.00
64) Phenanthrene-d10	17.374	188	1937938	20.000	ng		0.00
76) Chrysene-d12	21.550	240	2066682	20.000	ng		0.00
86) Perylene-d12	23.991	264	2036551	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	3783584	141.704	ng		0.00
7) Phenol-d6	7.157	99	5074083	139.269	ng		0.01
23) Nitrobenzene-d5	9.169	82	4571133	151.569	ng		0.01
42) 2,4,6-Tribromophenol	16.121	330	2696228	188.230	ng		0.00
45) 2-Fluorobiphenyl	13.263	172	11247371	156.145	ng		0.00
79) Terphenyl-d14	19.986	244	13658610	121.830	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	716571	67.581	ng		97
3) Pyridine	3.804	79	2207926m	72.636	ng		
4) n-Nitrosodimethylamine	3.722	42	830617	67.365	ng		93
6) Aniline	7.322	93	3196452	72.490	ng		98
8) 2-Chlorophenol	7.557	128	2112122	74.815	ng		96
9) Benzaldehyde	7.128	77	1068131	55.137	ng		96
10) Phenol	7.181	94	2533751	70.711	ng		99
11) bis(2-Chloroethyl)ether	7.416	93	2054002	71.129	ng		97
12) 1,3-Dichlorobenzene	7.881	146	2113264	74.461	ng		98
13) 1,4-Dichlorobenzene	8.028	146	2169032	74.796	ng		99
14) 1,2-Dichlorobenzene	8.345	146	2107256	73.838	ng		99
15) Benzyl Alcohol	8.239	79	1772762	73.728	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.528	45	2470293	67.102	ng		98
17) 2-Methylphenol	8.439	107	1873490	73.380	ng		98
18) Hexachloroethane	9.081	117	778221	74.949	ng		92
19) n-Nitroso-di-n-propyla...	8.816	70	1553451	70.178	ng		97
20) 3+4-Methylphenols	8.775	107	2586117	74.197	ng		98
22) Acetophenone	8.822	105	3165512	74.257	ng	#	97
24) Nitrobenzene	9.210	77	2323683	74.855	ng		95
25) Isophorone	9.739	82	4435518	77.883	ng		96
26) 2-Nitrophenol	9.916	139	1186831	92.011	ng		95
27) 2,4-Dimethylphenol	9.975	122	2022341	80.134	ng		98
28) bis(2-Chloroethoxy)met...	10.216	93	2778800	75.581	ng		99
29) 2,4-Dichlorophenol	10.451	162	1994332	86.157	ng		97
30) 1,2,4-Trichlorobenzene	10.669	180	2002224	85.392	ng		99
31) Naphthalene	10.857	128	6710622	76.324	ng		99
32) Benzoic acid	10.163	122	1678637	80.507	ng		94
33) 4-Chloroaniline	10.969	127	3143117	80.267	ng		97
34) Hexachlorobutadiene	11.145	225	1077143	87.578	ng		98
35) Caprolactam	11.786	113	706579	88.888	ng		90
36) 4-Chloro-3-methylphenol	12.092	107	2145302	79.810	ng		92
37) 2-Methylnaphthalene	12.463	142	4835221	79.527	ng		98
38) 1-Methylnaphthalene	12.680	142	4609030	80.386	ng		99
40) 1,2,4,5-Tetrachloroben...	12.827	216	2227928	88.270	ng	#	97
41) Hexachlorocyclopentadiene	12.810	237	1286967	97.785	ng		98
43) 2,4,6-Trichlorophenol	13.069	196	1589432	91.810	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	1886321	90.266	ng		94
46) 1,1'-Biphenyl	13.469	154	6007510	78.695	ng		99
47) 2-Chloronaphthalene	13.510	162	4591376	80.961	ng		97
48) 2-Nitroaniline	13.716	65	1403644	82.548	ng		90
49) Acenaphthylene	14.357	152	7568257	80.491	ng		99
50) Dimethylphthalate	14.098	163	6055967	81.555	ng		99
51) 2,6-Dinitrotoluene	14.210	165	1317257	88.512	ng		89
52) Acenaphthene	14.698	154	4651915	80.214	ng		98
53) 3-Nitroaniline	14.545	138	1615724	87.019	ng		88
54) 2,4-Dinitrophenol	14.745	184	779688	82.062	ng	#	84
55) Dibenzofuran	15.027	168	7222419	79.612	ng		97
56) 4-Nitrophenol	14.845	139	1327056	88.244	ng		90
57) 2,4-Dinitrotoluene	14.998	165	1836239	92.454	ng	#	83
58) Fluorene	15.680	166	6062283	79.833	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	1523338	93.229	ng		89
60) Diethylphthalate	15.451	149	6096161	80.914	ng		96
61) 4-Chlorophenyl-phenyle...	15.668	204	3046152	85.820	ng		93
62) 4-Nitroaniline	15.710	138	1698467	85.871	ng		94
63) Azobenzene	15.963	77	5354937	73.103	ng		93
65) 4,6-Dinitro-2-methylph...	15.757	198	1037223	95.420	ng		88
66) n-Nitrosodiphenylamine	15.886	169	5276603	83.130	ng		98
67) 4-Bromophenyl-phenylether	16.562	248	1781644	91.537	ng		92
68) Hexachlorobenzene	16.680	284	2035882	91.203	ng	#	90
69) Atrazine	16.839	200	1583804	91.300	ng		95
70) Pentachlorophenol	17.021	266	1542500	94.134	ng		99
71) Phenanthrene	17.415	178	9311528	82.463	ng		99
72) Anthracene	17.509	178	9611615	85.323	ng		99
73) Carbazole	17.780	167	8976613	83.543	ng		98
74) Di-n-butylphthalate	18.339	149	10267488	85.202	ng		97
75) Fluoranthene	19.427	202	10704677	89.336	ng		95
77) Benzidine	19.609	184	2921839	78.211	ng		100
78) Pyrene	19.792	202	11307561	82.051	ng		94
80) Butylbenzylphthalate	20.680	149	4945128	88.779	ng	#	88
81) Benzo(a)anthracene	21.539	228	11538108	81.870	ng		93
82) 3,3'-Dichlorobenzidine	21.468	252	4231527	90.344	ng	#	99
83) Chrysene	21.592	228	10947938	82.003	ng		94
84) Bis(2-ethylhexyl)phtha...	21.456	149	6849591	83.269	ng	#	93
85) Di-n-octyl phthalate	22.392	149	11805292	88.377	ng		97
87) Indeno(1,2,3-cd)pyrene	26.544	276	12702572	83.185	ng		95
88) Benzo(b)fluoranthene	23.250	252	11545389	93.605	ng		96
89) Benzo(k)fluoranthene	23.303	252	11849450	91.919	ng	#	96
90) Benzo(a)pyrene	23.891	252	11038316	93.711	ng	#	96
91) Dibenzo(a,h)anthracene	26.562	278	11105582	84.247	ng		96
92) Benzo(g,h,i)perylene	27.332	276	9009045	79.561	ng		96

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

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