Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
Data File : BM038650.D
Acq On : 01 Feb 2023 19:40
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 02 02:41:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 02:35:13 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.939	152	73577	20.000	ng		0.00
21) Naphthalene-d8	10.751	136	243875	20.000	ng		0.00
39) Acenaphthene-d10	14.580	164	172854	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	353939	20.000	ng		0.00
76) Chrysene-d12	21.497	240	285373	20.000	ng		0.00
86) Perylene-d12	23.897	264	346076	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	577596	129.774	ng		0.00
7) Phenol-d6	7.116	99	675553	118.963	ng		0.00
23) Nitrobenzene-d5	9.122	82	705172	125.565	ng		0.00
42) 2,4,6-Tribromophenol	16.068	330	396687	159.366	ng		0.00
45) 2-Fluorobiphenyl	13.204	172	2207762	157.333	ng		0.00
79) Terphenyl-d14	19.939	244	2929536	200.130	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.351	88	113318	54.282	ng		98
3) Pyridine	3.769	79	300876m	54.876	ng		
4) n-Nitrosodimethylamine	3.681	42	136680	52.514	ng		97
6) Aniline	7.275	93	414585	58.817	ng		99
8) 2-Chlorophenol	7.504	128	325425	71.574	ng		98
9) Benzaldehyde	7.081	77	127612	37.886	ng		97
10) Phenol	7.145	94	335865	59.189	ng		98
11) bis(2-Chloroethyl)ether	7.369	93	268884	60.057	ng		97
12) 1,3-Dichlorobenzene	7.828	146	410512	79.418	ng		98
13) 1,4-Dichlorobenzene	7.975	146	411507	78.791	ng		98
14) 1,2-Dichlorobenzene	8.292	146	403814	79.823	ng		99
15) Benzyl Alcohol	8.192	79	261698	61.636	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.481	45	252528m	53.711	ng		
17) 2-Methylphenol	8.392	107	269376	67.073	ng		99
18) Hexachloroethane	9.016	117	139415	71.802	ng		98
19) n-Nitroso-di-n-propyla...	8.763	70	213734	58.605	ng		98
20) 3+4-Methylphenols	8.728	107	362996	67.438	ng		99
22) Acetophenone	8.780	105	467867	69.641	ng	#	99
24) Nitrobenzene	9.163	77	351153	61.797	ng		97
25) Isophorone	9.692	82	606734	65.466	ng		99
26) 2-Nitrophenol	9.869	139	210080	93.140	ng		97
27) 2,4-Dimethylphenol	9.927	122	284891	75.894	ng		99
28) bis(2-Chloroethoxy)met...	10.169	93	365653	67.443	ng		99
29) 2,4-Dichlorophenol	10.404	162	412186	93.596	ng		98
30) 1,2,4-Trichlorobenzene	10.610	180	430148	85.410	ng		99
31) Naphthalene	10.804	128	1033174	77.983	ng		98
32) Benzoic acid	10.127	122	242696	90.728	ng		98
33) 4-Chloroaniline	10.922	127	453929	82.087	ng		98
34) Hexachlorobutadiene	11.074	225	215702	65.112	ng		97
35) Caprolactam	11.751	113	86832	81.328	ng		96
36) 4-Chloro-3-methylphenol	12.045	107	307276	76.730	ng		98
37) 2-Methylnaphthalene	12.410	142	846602	88.916	ng		99
38) 1-Methylnaphthalene	12.627	142	791425	88.135	ng		98
40) 1,2,4,5-Tetrachloroben...	12.774	216	363650	55.928	ng		99
41) Hexachlorocyclopentadiene	12.745	237	248461	69.525	ng		98
43) 2,4,6-Trichlorophenol	13.016	196	299248	71.894	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.092	196	348954	71.579	ng	98
46)	1,1'-Biphenyl	13.415	154	1145682	82.761	ng	99
47)	2-Chloronaphthalene	13.463	162	904081	83.661	ng	99
48)	2-Nitroaniline	13.674	65	196717	61.986	ng	99
49)	Acenaphthylene	14.304	152	1432502	84.728	ng	99
50)	Dimethylphthalate	14.045	163	1150249	86.446	ng	99
51)	2,6-Dinitrotoluene	14.174	165	243232	86.862	ng	99
52)	Acenaphthene	14.645	154	850394	82.472	ng	98
53)	3-Nitroaniline	14.504	138	242901	87.290	ng	100
54)	2,4-Dinitrophenol	14.710	184	160690	82.965	ng	97
55)	Dibenzofuran	14.974	168	1405789	81.546	ng	98
56)	4-Nitrophenol	14.810	139	193903	84.615	ng	95
57)	2,4-Dinitrotoluene	14.957	165	340911	89.811	ng	99
58)	Fluorene	15.627	166	1116856	79.893	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.204	232	238397	59.826	ng	99
60)	Diethylphthalate	15.398	149	1117916	85.792	ng	98
61)	4-Chlorophenyl-phenyle...	15.615	204	478856	65.245	ng	96
62)	4-Nitroaniline	15.668	138	247076m	86.418	ng	
63)	Azobenzene	15.909	77	831433	60.224	ng	98
65)	4,6-Dinitro-2-methylph...	15.715	198	192045	83.591	ng	98
66)	n-Nitrosodiphenylamine	15.839	169	953652	89.751	ng	99
67)	4-Bromophenyl-phenylether	16.509	248	282428	71.938	ng	96
68)	Hexachlorobenzene	16.621	284	339193	80.065	ng	97
69)	Atrazine	16.786	200	274827	77.527	ng	100
70)	Pentachlorophenol	16.968	266	255531	84.714	ng	99
71)	Phenanthrene	17.362	178	1678372	84.915	ng	99
72)	Anthracene	17.456	178	1738628	86.446	ng	99
73)	Carbazole	17.733	167	1611834	91.003	ng	99
74)	Di-n-butylphthalate	18.280	149	1912702	98.294	ng	100
75)	Fluoranthene	19.374	202	1739474	73.225	ng	99
77)	Benzidine	19.562	184	691497	106.335	ng	99
78)	Pyrene	19.739	202	1828595	92.025	ng	99
80)	Butylbenzylphthalate	20.627	149	866581	126.117	ng	99
81)	Benzo(a)anthracene	21.480	228	1708663	84.499	ng	99
82)	3,3'-Dichlorobenzidine	21.415	252	562100	86.540	ng	98
83)	Chrysene	21.533	228	1631889	82.522	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.391	149	1251144	125.641	ng	100
85)	Di-n-octyl phthalate	22.315	149	2170058	122.555	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.409	276	2329221	90.954	ng	99
88)	Benzo(b)fluoranthene	23.168	252	1809243	86.664	ng	99
89)	Benzo(k)fluoranthene	23.215	252	1791659	82.940	ng	99
90)	Benzo(a)pyrene	23.797	252	1767802	85.410	ng	99
91)	Dibenzo(a,h)anthracene	26.421	278	1996773	93.674	ng	99
92)	Benzo(g,h,i)perylene	27.179	276	1962804	89.894	ng	98

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

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