Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022321\
Data File : BM028872.D
Acq On : 23 Feb 2021 14:36
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
2/24/2021 10:21:36 AM

Quant Time: Feb 23 15:10:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 23 14:05:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	17535	20.00	ng		0.00
21) Naphthalene-d8	10.616	136	64695	20.00	ng	#	0.00
39) Acenaphthene-d10	14.474	164	36619	20.00	ng		0.00
64) Phenanthrene-d10	17.215	188	71680	20.00	ng		0.00
76) Chrysene-d12	21.374	240	67748	20.00	ng	#	0.00
86) Perylene-d12	23.592	264	67177	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	120539	108.59	ng		0.00
7) Phenol-d6	7.004	99	157398	104.14	ng		0.00
23) Nitrobenzene-d5	8.992	82	140266	102.83	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	51529	106.21	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	312411	107.04	ng		0.00
79) Terphenyl-d14	19.827	244	416181	110.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	22751	51.08	ng	#	73
3) Pyridine	3.605	79	60978	49.46	ng	#	52
4) n-Nitrosodimethylamine	3.522	42	33904	47.82	ng	#	56
6) Aniline	7.151	93	82874	50.60	ng		97
8) 2-Chlorophenol	7.381	128	70748	57.32	ng		93
10) Phenol	7.028	94	77170	54.18	ng		88
11) bis(2-Chloroethyl)ether	7.246	93	58410	50.85	ng		93
12) 1,3-Dichlorobenzene	7.698	146	76722	52.67	ng	#	92
13) 1,4-Dichlorobenzene	7.845	146	77727	52.77	ng		98
14) 1,2-Dichlorobenzene	8.163	146	74155	52.48	ng		99
15) Benzyl Alcohol	8.069	79	56488	53.64	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.351	45	89180	43.02	ng		71
17) 2-Methylphenol	8.275	107	52704	53.43	ng	#	90
18) Hexachloroethane	8.881	117	28654	51.69	ng		91
19) n-Nitroso-di-n-propyla...	8.634	70	45937	51.04	ng	#	63
20) 3+4-Methylphenols	8.616	107	70876	53.58	ng		90
22) Acetophenone	8.651	105	91263	54.41	ng	#	90
24) Nitrobenzene	9.034	77	70735	53.72	ng	#	85
25) Isophorone	9.557	82	122799	58.76	ng		95
26) 2-Nitrophenol	9.739	139	37619	63.13	ng	#	82
27) 2,4-Dimethylphenol	9.804	122	53911	62.22	ng		88
28) bis(2-Chloroethoxy)met...	10.039	93	68935	46.73	ng		99
29) 2,4-Dichlorophenol	10.275	162	61378	59.37	ng		99
30) 1,2,4-Trichlorobenzene	10.481	180	67021	54.57	ng		97
31) Naphthalene	10.663	128	204722	56.00	ng		99
32) Benzoic acid	10.004	122	42041	53.91	ng	#	85
33) 4-Chloroaniline	10.792	127	82334	54.22	ng	#	91
34) Hexachlorobutadiene	10.934	225	40338	55.05	ng		100
35) Caprolactam	11.622	113	17171	51.32	ng	#	66
36) 4-Chloro-3-methylphenol	11.933	107	61787	57.48	ng		93
37) 2-Methylnaphthalene	12.280	142	142867	56.70	ng		96
38) 1-Methylnaphthalene	12.504	142	135330	56.61	ng		98
40) 1,2,4,5-Tetrachloroben...	12.651	216	65229	54.01	ng		98
41) Hexachlorocyclopentadiene	12.616	237	28860	51.15	ng		100
43) 2,4,6-Trichlorophenol	12.904	196	47483	58.61	ng		98
44) 2,4,5-Trichlorophenol	12.986	196	50838	60.64	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.304	154	167062	53.46	ng		99
47) 2-Chloronaphthalene	13.345	162	137385	53.79	ng		98
48) 2-Nitroaniline	13.569	65	38786	48.43	ng	#	85
49) Acenaphthylene	14.198	152	211368	55.77	ng		100
50) Dimethylphthalate	13.939	163	159558	53.00	ng		99
51) 2,6-Dinitrotoluene	14.069	165	38185	59.62	ng		90
52) Acenaphthene	14.539	154	128967	54.81	ng		98
53) 3-Nitroaniline	14.404	138	38869	53.84	ng		83
54) 2,4-Dinitrophenol	14.622	184	21804	57.16	ng		92
55) Dibenzofuran	14.874	168	202876	56.06	ng		100
56) 4-Nitrophenol	14.727	139	31088	54.69	ng	#	79
57) 2,4-Dinitrotoluene	14.863	165	51574	60.46	ng		93
58) Fluorene	15.521	166	163285	55.08	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	41147m	55.52	ng		
60) Diethylphthalate	15.304	149	163320	53.44	ng		98
61) 4-Chlorophenyl-phenyle...	15.516	204	77379	52.99	ng		92
62) 4-Nitroaniline	15.574	138	38147	48.53	ng		84
63) Azobenzene	15.810	77	151877	52.93	ng		88
65) 4,6-Dinitro-2-methylph...	15.627	198	30867	69.31	ng		79
66) n-Nitrosodiphenylamine	15.739	169	141636	59.01	ng		98
67) 4-Bromophenyl-phenylether	16.410	248	46398	54.66	ng		94
68) Hexachlorobenzene	16.521	284	51454	52.16	ng		96
69) Atrazine	16.692	200	45006	63.25	ng		97
70) Pentachlorophenol	16.874	266	30501	56.73	ng		99
71) Phenanthrene	17.257	178	243341	55.20	ng		99
72) Anthracene	17.351	178	244712	57.47	ng		97
73) Carbazole	17.627	167	236294	58.52	ng		100
74) Di-n-butylphthalate	18.174	149	276814	56.97	ng		99
75) Fluoranthene	19.268	202	274122	55.37	ng		98
77) Benzidine	19.456	184	118871	78.03	ng		99
78) Pyrene	19.627	202	282791	58.22	ng		99
80) Butylbenzylphthalate	20.515	149	126161	58.90	ng		95
81) Benzo(a)anthracene	21.362	228	269653	57.64	ng		99
82) 3,3'-Dichlorobenzidine	21.298	252	92178	61.31	ng	#	96
83) Chrysene	21.415	228	262711	58.17	ng		99
84) Bis(2-ethylhexyl)phtha...	21.280	149	182455	60.25	ng	#	97
85) Di-n-octyl phthalate	22.150	149	313706	61.27	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.838	276	294709	58.88	ng	#	90
88) Benzo(b)fluoranthene	22.927	252	272892	59.84	ng	#	96
89) Benzo(k)fluoranthene	22.974	252	260037	58.40	ng	#	97
90) Benzo(a)pyrene	23.497	252	248359	58.77	ng	#	97
91) Dibenzo(a,h)anthracene	25.844	278	256789	62.01	ng	#	94
92) Benzo(g,h,i)perylene	26.521	276	247507	60.77	ng	#	93

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

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