Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112421\
Data File : BM033248.D
Acq On : 24 Nov 2021 15:11
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM112421

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 24 16:34:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 24 15:16:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.931	152	130936	20.000	ng		0.00
21) Naphthalene-d8	10.731	136	500993	20.000	ng	#	0.00
39) Acenaphthene-d10	14.560	164	322605	20.000	ng		0.00
64) Phenanthrene-d10	17.295	188	679527	20.000	ng	#	0.00
76) Chrysene-d12	21.459	240	683519	20.000	ng		0.00
86) Perylene-d12	23.789	264	676585	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	604909	76.292	ng		0.00
7) Phenol-d6	7.090	99	809589	76.239	ng		0.00
23) Nitrobenzene-d5	9.095	82	831058	77.008	ng		0.00
42) 2,4,6-Tribromophenol	16.042	330	278543	79.206	ng		0.00
45) 2-Fluorobiphenyl	13.183	172	1700963	74.359	ng		0.00
79) Terphenyl-d14	19.907	244	2637243	76.294	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.419	88	126110	37.306	ng	#	77
3) Pyridine	3.825	79	343129	39.960	ng	#	82
4) n-Nitrosodimethylamine	3.731	42	169199	38.797	ng	#	64
6) Aniline	7.266	93	460149	38.482	ng		97
8) 2-Chlorophenol	7.496	128	311672	37.753	ng		97
9) Benzaldehyde	7.078	77	244492	39.984	ng		98
10) Phenol	7.119	94	406833	37.882	ng		91
11) bis(2-Chloroethyl)ether	7.360	93	311839	37.952	ng		98
12) 1,3-Dichlorobenzene	7.825	146	366602	37.794	ng		93
13) 1,4-Dichlorobenzene	7.972	146	368564	37.142	ng		98
14) 1,2-Dichlorobenzene	8.290	146	357230	37.693	ng		98
15) Benzyl Alcohol	8.172	79	320705	38.807	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.460	45	537692	36.922	ng		95
17) 2-Methylphenol	8.366	107	272031	38.372	ng		94
18) Hexachloroethane	9.013	117	137863	38.265	ng		93
19) n-Nitroso-di-n-propyla...	8.743	70	264876	37.514	ng		95
20) 3+4-Methylphenols	8.695	107	374419	38.992	ng		97
22) Acetophenone	8.760	105	486880	37.761	ng	#	93
24) Nitrobenzene	9.137	77	396027	38.093	ng		99
25) Isophorone	9.660	82	646741	38.321	ng		99
26) 2-Nitrophenol	9.848	139	158097	40.769	ng	#	84
27) 2,4-Dimethylphenol	9.901	122	256883	38.789	ng		98
28) bis(2-Chloroethoxy)met...	10.142	93	422583	38.433	ng		99
29) 2,4-Dichlorophenol	10.378	162	291540	38.863	ng		98
30) 1,2,4-Trichlorobenzene	10.595	180	339089	38.082	ng		97
31) Naphthalene	10.784	128	996471	37.706	ng		100
32) Benzoic acid	10.019	122	177189	41.973	ng		90
33) 4-Chloroaniline	10.889	127	393870	38.752	ng		99
34) Hexachlorobutadiene	11.060	225	209135	37.995	ng		97
35) Caprolactam	11.678	113	60550	42.167	ng		93
36) 4-Chloro-3-methylphenol	12.001	107	331868	38.913	ng		99
37) 2-Methylnaphthalene	12.389	142	684780	38.060	ng		94
38) 1-Methylnaphthalene	12.607	142	665210	37.897	ng		96
40) 1,2,4,5-Tetrachloroben...	12.754	216	357568	36.929	ng	#	96
41) Hexachlorocyclopentadiene	12.731	237	195124	40.591	ng		97
43) 2,4,6-Trichlorophenol	12.989	196	244732	39.566	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.060	196	263268	38.850	ng		93
46) 1,1'-Biphenyl	13.395	154	902968	37.226	ng		99
47) 2-Chloronaphthalene	13.436	162	694442	37.469	ng		98
48) 2-Nitroaniline	13.642	65	237078	39.574	ng		94
49) Acenaphthylene	14.283	152	1108854	38.308	ng		99
50) Dimethylphthalate	14.019	163	870986	37.988	ng		100
51) 2,6-Dinitrotoluene	14.136	165	182371	39.732	ng	#	74
52) Acenaphthene	14.625	154	667439	37.525	ng		97
53) 3-Nitroaniline	14.466	138	201641	41.225	ng		97
54) 2,4-Dinitrophenol	14.666	184	99178	41.121	ng	#	73
55) Dibenzofuran	14.954	168	1113708	37.656	ng		93
56) 4-Nitrophenol	14.760	139	168078	42.875	ng	#	83
57) 2,4-Dinitrotoluene	14.919	165	245660	40.856	ng	#	71
58) Fluorene	15.607	166	872363	37.668	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.177	232	232539	39.224	ng	#	83
60) Diethylphthalate	15.372	149	873947	38.418	ng		95
61) 4-Chlorophenyl-phenyle...	15.595	204	448449	37.973	ng		91
62) 4-Nitroaniline	15.624	138	212852	41.964	ng	#	79
63) Azobenzene	15.889	77	980285	38.927	ng		91
65) 4,6-Dinitro-2-methylph...	15.677	198	148934	42.315	ng		87
66) n-Nitrosodiphenylamine	15.813	169	755929	37.918	ng		97
67) 4-Bromophenyl-phenylether	16.489	248	271653	38.242	ng		90
68) Hexachlorobenzene	16.601	284	293618	37.659	ng	#	83
69) Atrazine	16.754	200	170664	40.976	ng		96
70) Pentachlorophenol	16.942	266	188932	41.123	ng		97
71) Phenanthrene	17.336	178	1406299	37.650	ng		99
72) Anthracene	17.430	178	1380369	38.307	ng		99
73) Carbazole	17.701	167	1379390	38.479	ng		97
74) Di-n-butylphthalate	18.254	149	1501861	40.331	ng	#	98
75) Fluoranthene	19.342	202	1647435	38.381	ng		97
77) Benzidine	19.530	184	367548m	47.827	ng		
78) Pyrene	19.707	202	1714041	38.095	ng		99
80) Butylbenzylphthalate	20.595	149	687825	40.869	ng		97
81) Benzo(a)anthracene	21.442	228	1659713	37.831	ng		99
82) 3,3'-Dichlorobenzidine	21.377	252	778003	39.263	ng		99
83) Chrysene	21.495	228	1600217	37.445	ng		99
84) Bis(2-ethylhexyl)phtha...	21.359	149	976585	41.206	ng		96
85) Di-n-octyl phthalate	22.265	149	1626932	40.427	ng		98
87) Indeno(1,2,3-cd)pyrene	26.183	276	1758698	37.859	ng		98
88) Benzo(b)fluoranthene	23.083	252	1552511	37.781	ng		99
89) Benzo(k)fluoranthene	23.130	252	1584142	38.420	ng		99
90) Benzo(a)pyrene	23.689	252	1323178	38.446	ng		99
91) Dibenzo(a,h)anthracene	26.194	278	1480951	38.074	ng		97
92) Benzo(g,h,i)perylene	26.918	276	1468725	37.856	ng		97

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

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