Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090221\
Data File : BM032026.D
Acq On : 02 Sep 2021 17:32
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
9/3/2021 3:31:12 PM

Quant Time: Sep 02 18:15:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 17:39:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.493	152	67890	20.000	ng		0.00
21) Naphthalene-d8	10.251	136	258987	20.000	ng		0.00
39) Acenaphthene-d10	14.139	164	171451	20.000	ng		0.00
64) Phenanthrene-d10	16.892	188	348006	20.000	ng		0.00
76) Chrysene-d12	21.098	240	372913	20.000	ng		0.00
86) Perylene-d12	23.233	264	393366	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.134	112	379087	89.186	ng		0.00
7) Phenol-d6	6.693	99	518259	85.034	ng		0.00
23) Nitrobenzene-d5	8.651	82	516705	90.247	ng		0.00
42) 2,4,6-Tribromophenol	15.639	330	228136	123.265	ng		0.00
45) 2-Fluorobiphenyl	12.745	172	1254869	98.984	ng		0.00
79) Terphenyl-d14	19.545	244	1951115	84.111	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.152	88	79299	46.971	ng		97
3) Pyridine	3.528	79	207859m	46.889	ng		
4) n-Nitrosodimethylamine	3.452	42	93196	39.089	ng	#	72
6) Aniline	6.846	93	267466	41.065	ng		95
8) 2-Chlorophenol	7.069	128	214861	43.647	ng		93
9) Benzaldehyde	6.663	77	135469m	36.240	ng		
10) Phenol	6.722	94	254000	42.008	ng		90
11) bis(2-Chloroethyl)ether	6.946	93	183847	39.838	ng		95
12) 1,3-Dichlorobenzene	7.381	146	245804	47.073	ng	#	92
13) 1,4-Dichlorobenzene	7.528	146	248990	46.467	ng		95
14) 1,2-Dichlorobenzene	7.834	146	242184	46.717	ng		95
15) Benzyl Alcohol	7.746	79	188850	41.096	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.028	45	242908	38.337	ng		97
17) 2-Methylphenol	7.946	107	169252	41.350	ng		94
18) Hexachloroethane	8.546	117	91407	43.709	ng	#	86
19) n-Nitroso-di-n-propyla...	8.304	70	165559	38.335	ng		90
20) 3+4-Methylphenols	8.275	107	233759	41.344	ng		95
22) Acetophenone	8.316	105	320610	45.566	ng	#	91
24) Nitrobenzene	8.693	77	259007	44.499	ng	#	90
25) Isophorone	9.210	82	430464	42.725	ng		96
26) 2-Nitrophenol	9.387	139	120649	50.091	ng	#	78
27) 2,4-Dimethylphenol	9.457	122	167665	45.581	ng		99
28) bis(2-Chloroethoxy)met...	9.692	93	230770	43.556	ng		99
29) 2,4-Dichlorophenol	9.916	162	219897	53.268	ng		93
30) 1,2,4-Trichlorobenzene	10.116	180	248116	55.071	ng		96
31) Naphthalene	10.298	128	660440	46.054	ng		99
32) Benzoic acid	9.634	122	134402	45.515	ng	#	84
33) 4-Chloroaniline	10.434	127	269392	46.188	ng	#	94
34) Hexachlorobutadiene	10.575	225	157458	57.673	ng		98
35) Caprolactam	11.239	113	59405	45.899	ng	#	81
36) 4-Chloro-3-methylphenol	11.563	107	214267	44.359	ng		92
37) 2-Methylnaphthalene	11.922	142	497377	47.848	ng		97
38) 1-Methylnaphthalene	12.145	142	471796	47.556	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.298	216	270203	54.589	ng	#	95
41) Hexachlorocyclopentadiene	12.269	237	130599	56.948	ng		94
43) 2,4,6-Trichlorophenol	12.551	196	187334	53.216	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.628	196	197327	51.600	ng	#	89
46) 1,1'-Biphenyl	12.963	154	640930	47.736	ng		98
47) 2-Chloronaphthalene	12.998	162	516665	48.822	ng		95
48) 2-Nitroaniline	13.228	65	141875	41.947	ng	#	85
49) Acenaphthylene	13.857	152	787018	47.073	ng		100
50) Dimethylphthalate	13.616	163	613075	46.275	ng		99
51) 2,6-Dinitrotoluene	13.739	165	143849	48.399	ng	#	67
52) Acenaphthene	14.204	154	483611	47.180	ng		97
53) 3-Nitroaniline	14.069	138	134513	46.019	ng		89
54) 2,4-Dinitrophenol	14.286	184	87213	52.574	ng	#	64
55) Dibenzofuran	14.539	168	799257	47.961	ng		92
56) 4-Nitrophenol	14.392	139	112405	48.048	ng	#	77
57) 2,4-Dinitrotoluene	14.533	165	202185	50.080	ng	#	73
58) Fluorene	15.192	166	640162	47.471	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.775	232	176929	54.645	ng	#	81
60) Diethylphthalate	14.992	149	605925	43.688	ng		95
61) 4-Chlorophenyl-phenyle...	15.198	204	324116	49.860	ng		88
62) 4-Nitroaniline	15.245	138	132031	46.160	ng	#	80
63) Azobenzene	15.492	77	602296	39.372	ng		89
65) 4,6-Dinitro-2-methylph...	15.304	198	125015	53.854	ng	#	70
66) n-Nitrosodiphenylamine	15.422	169	556617	47.498	ng		97
67) 4-Bromophenyl-phenylether	16.092	248	197507	53.329	ng	#	89
68) Hexachlorobenzene	16.198	284	223231	56.400	ng	#	79
69) Atrazine	16.386	200	177861	48.599	ng		96
70) Pentachlorophenol	16.551	266	139391	56.329	ng		98
71) Phenanthrene	16.933	178	1005416	48.640	ng		98
72) Anthracene	17.027	178	990900	49.180	ng		99
73) Carbazole	17.310	167	948946	49.012	ng		96
74) Di-n-butylphthalate	17.880	149	1021888	43.956	ng	#	98
75) Fluoranthene	18.962	202	1172766	52.132	ng		98
77) Benzidine	19.168	184	326591	35.686	ng		97
78) Pyrene	19.327	202	1219787	41.151	ng		99
80) Butylbenzylphthalate	20.251	149	466464	37.034	ng		90
81) Benzo(a)anthracene	21.086	228	1220392	45.942	ng		99
82) 3,3'-Dichlorobenzidine	21.033	252	359623	48.870	ng	#	97
83) Chrysene	21.139	228	1209508	46.742	ng		98
84) Bis(2-ethylhexyl)phtha...	21.033	149	688439	37.838	ng	#	95
85) Di-n-octyl phthalate	21.886	149	1165394	40.547	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.339	276	1528713	55.866	ng		96
88) Benzo(b)fluoranthene	22.603	252	1293451	44.443	ng		98
89) Benzo(k)fluoranthene	22.645	252	1292149	46.376	ng		99
90) Benzo(a)pyrene	23.145	252	1213183	47.511	ng		98
91) Dibenzo(a,h)anthracene	25.350	278	1324349	55.803	ng		98
92) Benzo(g,h,i)perylene	25.980	276	1276234	57.094	ng		98

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

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