Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100121\
Data File : BM032298.D
Acq On : 30 Sep 2021 17:04
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
10/1/2021 11:31:37 AM

Quant Time: Sep 30 19:03:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 19:01:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	357819	20.000	ng		0.00
21) Naphthalene-d8	10.436	136	1422996	20.000	ng	#	0.00
39) Acenaphthene-d10	14.289	164	857622	20.000	ng		0.00
64) Phenanthrene-d10	17.018	188	1718946	20.000	ng	#	0.00
76) Chrysene-d12	21.183	240	1710815	20.000	ng	#	0.00
86) Perylene-d12	23.347	264	1784467	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.213	112	467233	23.300	ng		0.00
7) Phenol-d6	6.825	99	651050	21.341	ng		-0.01
23) Nitrobenzene-d5	8.795	82	523748	16.403	ng		0.00
42) 2,4,6-Tribromophenol	15.771	330	185392	27.201	ng		0.00
45) 2-Fluorobiphenyl	12.907	172	1296247	19.818	ng		0.00
79) Terphenyl-d14	19.630	244	1831465	17.467	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.013	88	99636	10.978	ng		88
3) Pyridine	3.425	79	269658	11.395	ng		86
4) n-Nitrosodimethylamine	3.337	42	114174	9.243	ng	#	68
6) Aniline	6.966	93	352732	10.451	ng		91
8) 2-Chlorophenol	7.213	128	251350	11.222	ng		92
9) Benzaldehyde	6.766	77	193590	9.753	ng		88
10) Phenol	6.854	94	308643	9.976	ng		80
11) bis(2-Chloroethyl)ether	7.060	93	251186	10.757	ng		95
12) 1,3-Dichlorobenzene	7.537	146	287708	10.386	ng	#	92
13) 1,4-Dichlorobenzene	7.678	146	293365	10.460	ng		97
14) 1,2-Dichlorobenzene	8.001	146	281106	10.246	ng		96
15) Benzyl Alcohol	7.884	79	206203	8.591	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.178	45	337921	10.052	ng		97
17) 2-Methylphenol	8.101	107	200478	9.678	ng	#	90
18) Hexachloroethane	8.731	117	92826	8.793	ng		95
19) n-Nitroso-di-n-propyla...	8.448	70	171809	7.699	ng		89
20) 3+4-Methylphenols	8.431	107	274297	9.994	ng		93
22) Acetophenone	8.460	105	372806	9.092	ng	#	91
24) Nitrobenzene	8.836	77	258284	7.590	ng		93
25) Isophorone	9.354	82	414173	6.984	ng		96
26) 2-Nitrophenol	9.554	139	99391	15.219	ng	#	75
27) 2,4-Dimethylphenol	9.625	122	197858	10.010	ng		91
28) bis(2-Chloroethoxy)met...	9.842	93	329530	11.097	ng		100
29) 2,4-Dichlorophenol	10.089	162	212332	9.894	ng		97
30) 1,2,4-Trichlorobenzene	10.301	180	253253	8.684	ng		98
31) Naphthalene	10.483	128	779311	9.791	ng		99
32) Benzoic acid	9.725	122	98867	14.451	ng	#	80
33) 4-Chloroaniline	10.589	127	313712	10.248	ng	#	93
34) Hexachlorobutadiene	10.789	225	147351	7.528	ng		98
35) Caprolactam	11.313	113	65567	11.123	ng		91
36) 4-Chloro-3-methylphenol	11.730	107	230064	9.139	ng		93
37) 2-Methylnaphthalene	12.101	142	525077m	9.106	ng		
38) 1-Methylnaphthalene	12.319	142	511363	9.379	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.483	216	270526	9.428	ng	#	96
41) Hexachlorocyclopentadiene	12.472	237	103052	11.647	ng		98
43) 2,4,6-Trichlorophenol	12.719	196	168039	14.424	ng		96

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44) 2,4,5-Trichlorophenol	12.789	196	186736	13.166	ng	#	91
46) 1,1'-Biphenyl	13.119	154	701299	10.720	ng		99
47) 2-Chloronaphthalene	13.160	162	527099	9.935	ng		96
48) 2-Nitroaniline	13.360	65	119731	8.887	ng	#	82
49) Acenaphthylene	14.007	152	781575	9.825	ng		99
50) Dimethylphthalate	13.736	163	625040	10.037	ng		99
51) 2,6-Dinitrotoluene	13.848	165	113117	8.942	ng	#	75
52) Acenaphthene	14.354	154	531004	10.741	ng		96
53) 3-Nitroaniline	14.183	138	127916	11.550	ng		88
54) 2,4-Dinitrophenol	14.383	184	49816	13.904	ng	#	69
55) Dibenzofuran	14.683	168	822859	9.984	ng		91
56) 4-Nitrophenol	14.501	139	108000	17.448	ng	#	70
57) 2,4-Dinitrotoluene	14.636	165	140284	9.036	ng	#	70
58) Fluorene	15.330	166	634413	9.797	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.918	232	157155	15.159	ng	#	84
60) Diethylphthalate	15.101	149	603865	9.987	ng		96
61) 4-Chlorophenyl-phenyle...	15.324	204	320760	9.222	ng		91
62) 4-Nitroaniline	15.342	138	127332	13.107	ng	#	68
63) Azobenzene	15.612	77	595368	8.421	ng		89
65) 4,6-Dinitro-2-methylph...	15.407	198	78958	13.742	ng		89
66) n-Nitrosodiphenylamine	15.536	169	545492	9.696	ng		98
67) 4-Bromophenyl-phenylether	16.212	248	184133	9.110	ng	#	90
68) Hexachlorobenzene	16.348	284	205910	9.010	ng	#	82
69) Atrazine	16.477	200	170638	9.888	ng		97
70) Pentachlorophenol	16.683	266	109103	14.559	ng		97
71) Phenanthrene	17.059	178	1009233	10.263	ng		99
72) Anthracene	17.148	178	951943	9.903	ng		99
73) Carbazole	17.412	167	961604	10.892	ng		97
74) Di-n-butylphthalate	17.971	149	901503	9.824	ng	#	98
75) Fluoranthene	19.065	202	1112023	10.148	ng		98
77) Benzidine	19.242	184	383309	12.164	ng		98
78) Pyrene	19.430	202	1166272	8.948	ng		100
80) Butylbenzylphthalate	20.318	149	363402	9.515	ng		95
81) Benzo(a)anthracene	21.165	228	1144872	9.990	ng		98
82) 3,3'-Dichlorobenzidine	21.100	252	343803	10.897	ng		99
83) Chrysene	21.218	228	1137569	9.352	ng		99
84) Bis(2-ethylhexyl)phtha...	21.094	149	518053	8.889	ng	#	96
85) Di-n-octyl phthalate	21.941	149	867836	8.825	ng		95
87) Indeno(1,2,3-cd)pyrene	25.482	276	1314405	10.862	ng		96
88) Benzo(b)fluoranthene	22.700	252	1097527	9.193	ng		99
89) Benzo(k)fluoranthene	22.741	252	1145516	8.875	ng		99
90) Benzo(a)pyrene	23.247	252	890874	8.125	ng		98
91) Dibenzo(a,h)anthracene	25.482	278	1089975	10.446	ng	#	94
92) Benzo(g,h,i)perylene	26.141	276	1076112	10.415	ng	#	94

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

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