Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032667.D
Acq On : 22 Oct 2021 10:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/25/2021 1:48:10 PM

Quant Time: Oct 23 01:23:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 23 01:22:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.542	152	249649	20.000	ng		0.00
21) Naphthalene-d8	10.330	136	1002276	20.000	ng	#	0.00
39) Acenaphthene-d10	14.207	164	636731	20.000	ng		0.00
64) Phenanthrene-d10	16.936	188	1288347	20.000	ng	#	0.00
76) Chrysene-d12	21.118	240	1035439	20.000	ng		0.00
86) Perylene-d12	23.253	264	867113	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.125	112	1077988	72.754	ng		0.00
7) Phenol-d6	6.748	99	1544502	76.226	ng		0.00
23) Nitrobenzene-d5	8.701	82	1389070	77.081	ng		0.00
42) 2,4,6-Tribromophenol	15.695	330	514128	72.126	ng		0.00
45) 2-Fluorobiphenyl	12.819	172	3021655	70.559	ng		0.00
79) Terphenyl-d14	19.565	244	3945187	80.243	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.943	88	218104	34.590	ng		90
3) Pyridine	3.354	79	615019	36.046	ng		92
4) n-Nitrosodimethylamine	3.272	42	250004	36.535	ng	#	60
6) Aniline	6.872	93	855488	38.211	ng		92
8) 2-Chlorophenol	7.119	128	609927	37.769	ng		93
9) Benzaldehyde	6.678	77	412853	34.911	ng		87
10) Phenol	6.772	94	750163	38.451	ng		83
11) bis(2-Chloroethyl)ether	6.972	93	586740	37.816	ng		93
12) 1,3-Dichlorobenzene	7.437	146	668967	36.750	ng	#	91
13) 1,4-Dichlorobenzene	7.578	146	683746	36.908	ng		98
14) 1,2-Dichlorobenzene	7.901	146	668519	37.594	ng		96
15) Benzyl Alcohol	7.795	79	536857	38.686	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.078	45	793831	40.384	ng		98
17) 2-Methylphenol	8.013	107	515944	39.134	ng	#	89
18) Hexachloroethane	8.625	117	241911	38.355	ng		93
19) n-Nitroso-di-n-propyla...	8.354	70	438104	39.768	ng	#	85
20) 3+4-Methylphenols	8.342	107	700032	39.357	ng		95
22) Acetophenone	8.366	105	908054	37.593	ng	#	89
24) Nitrobenzene	8.742	77	670172	38.559	ng	#	89
25) Isophorone	9.260	82	1170161	39.078	ng		96
26) 2-Nitrophenol	9.454	139	335256	41.456	ng	#	73
27) 2,4-Dimethylphenol	9.531	122	513369	37.629	ng		94
28) bis(2-Chloroethoxy)met...	9.748	93	793304	36.845	ng		99
29) 2,4-Dichlorophenol	9.995	162	586554	38.601	ng		96
30) 1,2,4-Trichlorobenzene	10.201	180	643206	37.317	ng		98
31) Naphthalene	10.378	128	1929655	37.521	ng		99
32) Benzoic acid	9.713	122	430876	42.429	ng	#	82
33) 4-Chloroaniline	10.495	127	799337	37.653	ng		94
34) Hexachlorobutadiene	10.683	225	380649	36.959	ng		98
35) Caprolactam	11.272	113	190685	40.948	ng	#	84
36) 4-Chloro-3-methylphenol	11.642	107	638793	39.048	ng		97
37) 2-Methylnaphthalene	12.001	142	1313914m	37.592	ng		
38) 1-Methylnaphthalene	12.224	142	1289475	37.755	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.389	216	673425	36.716	ng	#	96
41) Hexachlorocyclopentadiene	12.371	237	333771	38.174	ng		98
43) 2,4,6-Trichlorophenol	12.630	196	486979	38.373	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.707	196	527927	38.700	ng	#	91
46) 1,1'-Biphenyl	13.030	154	1730561	36.831	ng		99
47) 2-Chloronaphthalene	13.066	162	1339888	37.185	ng		98
48) 2-Nitroaniline	13.277	65	412978	42.156	ng	#	78
49) Acenaphthylene	13.918	152	2131138	38.094	ng		99
50) Dimethylphthalate	13.666	163	1684541	37.464	ng		100
51) 2,6-Dinitrotoluene	13.777	165	361075	39.644	ng	#	65
52) Acenaphthene	14.265	154	1389471m	37.649	ng		
53) 3-Nitroaniline	14.107	138	403347	39.409	ng		89
54) 2,4-Dinitrophenol	14.313	184	197273	39.033	ng	#	64
55) Dibenzofuran	14.601	168	2095662	37.303	ng		92
56) 4-Nitrophenol	14.442	139	326749	38.715	ng	#	67
57) 2,4-Dinitrotoluene	14.565	165	492619	41.030	ng	#	62
58) Fluorene	15.254	166	1525845	35.712	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.842	232	454683	38.690	ng	#	83
60) Diethylphthalate	15.030	149	1679814	38.055	ng		96
61) 4-Chlorophenyl-phenyle...	15.242	204	779298	35.210	ng		93
62) 4-Nitroaniline	15.277	138	415416	40.670	ng	#	69
63) Azobenzene	15.536	77	1629355	38.775	ng		86
65) 4,6-Dinitro-2-methylph...	15.342	198	297204	40.985	ng	#	72
66) n-Nitrosodiphenylamine	15.465	169	1423110	37.410	ng		97
67) 4-Bromophenyl-phenylether	16.136	248	497012	37.065	ng		91
68) Hexachlorobenzene	16.271	284	530454	35.937	ng	#	83
69) Atrazine	16.412	200	497498	38.401	ng		94
70) Pentachlorophenol	16.607	266	354322	38.892	ng		98
71) Phenanthrene	16.983	178	2494767	36.894	ng		100
72) Anthracene	17.071	178	2517219	38.097	ng		99
73) Carbazole	17.342	167	2453504	37.393	ng		98
74) Di-n-butylphthalate	17.901	149	2844309	40.351	ng	#	97
75) Fluoranthene	18.995	202	2799942	37.340	ng		96
77) Benzidine	19.177	184	1020382	39.671	ng		98
78) Pyrene	19.359	202	2863025	40.776	ng		99
80) Butylbenzylphthalate	20.253	149	1258854	47.204	ng		93
81) Benzo(a)anthracene	21.100	228	2455656	37.942	ng		98
82) 3,3'-Dichlorobenzidine	21.036	252	761324	37.342	ng		99
83) Chrysene	21.153	228	2351182	37.552	ng		100
84) Bis(2-ethylhexyl)phtha...	21.030	149	1695854	47.163	ng		94
85) Di-n-octyl phthalate	21.877	149	2913717	48.321	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.365	276	2059544	38.544	ng	#	95
88) Benzo(b)fluoranthene	22.618	252	2078796	39.410	ng		98
89) Benzo(k)fluoranthene	22.659	252	1954015	37.921	ng		98
90) Benzo(a)pyrene	23.159	252	1649092	38.553	ng	#	98
91) Dibenzo(a,h)anthracene	25.365	278	1723109	38.251	ng	#	95
92) Benzo(g,h,i)perylene	26.006	276	1742398	39.125	ng	#	94

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

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