Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100121\
Data File : BM032300.D
Acq On : 30 Sep 2021 18:16
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Sep 30 19:05:20 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	382236	20.000	ng		0.00
21) Naphthalene-d8	10.436	136	1616229	20.000	ng	#	0.00
39) Acenaphthene-d10	14.295	164	1031980	20.000	ng		0.00
64) Phenanthrene-d10	17.018	188	2151068	20.000	ng	#	0.00
76) Chrysene-d12	21.189	240	2142389	20.000	ng		0.00
86) Perylene-d12	23.341	264	2406471	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.213	112	1761858	82.249	ng		0.00
7) Phenol-d6	6.837	99	2601337	79.824	ng		0.00
23) Nitrobenzene-d5	8.801	82	2310532	63.711	ng		0.00
42) 2,4,6-Tribromophenol	15.777	330	903956	110.220	ng		0.00
45) 2-Fluorobiphenyl	12.913	172	4993942	63.450	ng		0.00
79) Terphenyl-d14	19.636	244	6707084	51.080	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.007	88	357181	36.841	ng		89
3) Pyridine	3.425	79	1060202	41.941	ng		92
4) n-Nitrosodimethylamine	3.337	42	434844	32.955	ng	#	65
6) Aniline	6.966	93	1474633	40.902	ng		91
8) 2-Chlorophenol	7.213	128	987566	41.276	ng		94
9) Benzaldehyde	6.772	77	702781	33.144	ng		85
10) Phenol	6.860	94	1257039	38.034	ng		80
11) bis(2-Chloroethyl)ether	7.060	93	988837	39.641	ng		95
12) 1,3-Dichlorobenzene	7.536	146	1068662	36.114	ng	#	92
13) 1,4-Dichlorobenzene	7.678	146	1092517	36.465	ng		97
14) 1,2-Dichlorobenzene	8.001	146	1066523	36.391	ng		96
15) Benzyl Alcohol	7.889	79	917388	35.780	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1324286	36.876	ng		97
17) 2-Methylphenol	8.107	107	858205	38.782	ng	#	88
18) Hexachloroethane	8.730	117	377645	33.488	ng		95
19) n-Nitroso-di-n-propyla...	8.454	70	758698	31.825	ng		86
20) 3+4-Methylphenols	8.436	107	1188914	40.552	ng		93
22) Acetophenone	8.460	105	1554033	33.369	ng	#	88
24) Nitrobenzene	8.842	77	1114455	28.835	ng	#	88
25) Isophorone	9.360	82	2034792	30.210	ng		95
26) 2-Nitrophenol	9.554	139	524238	70.673	ng	#	73
27) 2,4-Dimethylphenol	9.625	122	882615	39.313	ng		91
28) bis(2-Chloroethoxy)met...	9.842	93	1405557	41.672	ng		99
29) 2,4-Dichlorophenol	10.089	162	966670	39.660	ng		96
30) 1,2,4-Trichlorobenzene	10.307	180	1024125	30.918	ng		97
31) Naphthalene	10.483	128	3208284	35.489	ng		99
32) Benzoic acid	9.795	122	669148	86.112	ng	#	81
33) 4-Chloroaniline	10.589	127	1398731	40.230	ng	#	94
34) Hexachlorobutadiene	10.795	225	594257	26.730	ng		98
35) Caprolactam	11.354	113	350600	52.367	ng	#	84
36) 4-Chloro-3-methylphenol	11.736	107	1076434	37.648	ng		95
37) 2-Methylnaphthalene	12.101	142	2224542	33.965	ng	#	93
38) 1-Methylnaphthalene	12.324	142	2187879	35.330	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.483	216	1110197	32.153	ng	#	96
41) Hexachlorocyclopentadiene	12.471	237	525792	49.386	ng		97
43) 2,4,6-Trichlorophenol	12.724	196	801659	57.186	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	861908	50.501	ng	#	92
46) 1,1'-Biphenyl	13.118	154	2904118	36.891	ng		100
47) 2-Chloronaphthalene	13.160	162	2230851	34.943	ng		98
48) 2-Nitroaniline	13.360	65	689235	42.517	ng	#	82
49) Acenaphthylene	14.013	152	3599303	37.600	ng		99
50) Dimethylphthalate	13.748	163	2834856	37.831	ng		99
51) 2,6-Dinitrotoluene	13.860	165	600525	39.453	ng	#	64
52) Acenaphthene	14.354	154	2363062	39.724	ng		97
53) 3-Nitroaniline	14.189	138	714714	53.631	ng		87
54) 2,4-Dinitrophenol	14.389	184	357843	82.999	ng	#	64
55) Dibenzofuran	14.689	168	3518359	35.476	ng		92
56) 4-Nitrophenol	14.512	139	603641	81.044	ng	#	66
57) 2,4-Dinitrotoluene	14.648	165	818796	43.828	ng	#	60
58) Fluorene	15.336	166	2611492	33.515	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.924	232	760323	60.949	ng	#	83
60) Diethylphthalate	15.112	149	2815990	38.703	ng		95
61) 4-Chlorophenyl-phenyle...	15.324	204	1315974	31.443	ng		91
62) 4-Nitroaniline	15.354	138	739539	63.263	ng	#	69
63) Azobenzene	15.618	77	2847982	33.477	ng		86
65) 4,6-Dinitro-2-methylph...	15.412	198	516696	71.863	ng	#	77
66) n-Nitrosodiphenylamine	15.542	169	2471041	35.101	ng		98
67) 4-Bromophenyl-phenylether	16.212	248	836842	33.087	ng		91
68) Hexachlorobenzene	16.348	284	905783	31.671	ng	#	85
69) Atrazine	16.483	200	835387	38.682	ng		94
70) Pentachlorophenol	16.683	266	612066	65.270	ng		99
71) Phenanthrene	17.059	178	4351907	35.365	ng		99
72) Anthracene	17.148	178	4326896	35.969	ng		99
73) Carbazole	17.418	167	4407907	39.896	ng		98
74) Di-n-butylphthalate	17.971	149	4682927	40.779	ng	#	97
75) Fluoranthene	19.071	202	4991925	36.404	ng		97
77) Benzidine	19.247	184	2131259	54.010	ng		98
78) Pyrene	19.430	202	5213647	31.943	ng		97
80) Butylbenzylphthalate	20.318	149	2166204	45.290	ng		95
81) Benzo(a)anthracene	21.171	228	5099726	35.537	ng		97
82) 3,3'-Dichlorobenzidine	21.100	252	1725433	43.671	ng		99
83) Chrysene	21.224	228	4889465	32.098	ng		98
84) Bis(2-ethylhexyl)phtha...	21.089	149	2938091	40.259	ng		94
85) Di-n-octyl phthalate	21.941	149	5432046	44.109	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.500	276	6227953	38.163	ng		95
88) Benzo(b)fluoranthene	22.706	252	5213750	32.384	ng		98
89) Benzo(k)fluoranthene	22.747	252	5214334	29.955	ng		97
90) Benzo(a)pyrene	23.253	252	4585601	31.012	ng		98
91) Dibenzo(a,h)anthracene	25.500	278	5160831	36.677	ng	#	94
92) Benzo(g,h,i)perylene	26.159	276	5437413	39.025	ng	#	94

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

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