Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071824\
Data File : BM046701.D
Acq On : 18 Jul 2024 13:55
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 18 14:42:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 18 06:01:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.498	152	88061	20.000	ng		0.01
21) Naphthalene-d8	10.257	136	361478	20.000	ng		0.00
39) Acenaphthene-d10	14.145	164	293328	20.000	ng		0.00
64) Phenanthrene-d10	16.898	188	727885	20.000	ng		0.00
76) Chrysene-d12	21.127	240	697063	20.000	ng		0.00
86) Perylene-d12	23.897	264	820915	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.140	112	341295	78.721	ng		0.00
7) Phenol-d6	6.698	99	458547	83.060	ng		0.00
23) Nitrobenzene-d5	8.639	82	556010	79.861	ng		0.00
42) 2,4,6-Tribromophenol	15.645	330	376504	82.752	ng		0.00
45) 2-Fluorobiphenyl	12.757	172	1653173	79.609	ng		0.00
79) Terphenyl-d14	19.551	244	3042461	78.931	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	49613	37.706	ng		98
3) Pyridine	3.516	79	161841	41.967	ng		98
4) n-Nitrosodimethylamine	3.428	42	119957	41.994	ng		97
6) Aniline	6.840	93	206040	43.182	ng		99
8) 2-Chlorophenol	7.069	128	199356	41.079	ng		99
9) Benzaldehyde	6.651	77	118253	35.090	ng		98
10) Phenol	6.722	94	217799	40.595	ng		91
11) bis(2-Chloroethyl)ether	6.940	93	167840	42.108	ng		97
12) 1,3-Dichlorobenzene	7.387	146	253755	39.591	ng		99
13) 1,4-Dichlorobenzene	7.528	146	260272	39.984	ng		99
14) 1,2-Dichlorobenzene	7.840	146	248424	40.060	ng		97
15) Benzyl Alcohol	7.740	79	194287	43.209	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.034	45	178614	42.866	ng		96
17) 2-Methylphenol	7.945	107	162975	42.649	ng		96
18) Hexachloroethane	8.557	117	97202	41.120	ng		98
19) n-Nitroso-di-n-propyla...	8.304	70	160862	46.157	ng		99
20) 3+4-Methylphenols	8.275	107	229763	43.764	ng		98
22) Acetophenone	8.310	105	330920	39.812	ng	#	97
24) Nitrobenzene	8.681	77	262949	38.516	ng		98
25) Isophorone	9.210	82	446059	42.599	ng		99
26) 2-Nitrophenol	9.386	139	130995	40.058	ng		95
27) 2,4-Dimethylphenol	9.463	122	143307	40.361	ng		96
28) bis(2-Chloroethoxy)met...	9.692	93	247365	41.440	ng		99
29) 2,4-Dichlorophenol	9.916	162	253993	39.826	ng		99
30) 1,2,4-Trichlorobenzene	10.128	180	305047	39.045	ng		99
31) Naphthalene	10.304	128	708343	39.446	ng		99
32) Benzoic acid	9.628	122	178650	41.310	ng		95
33) 4-Chloroaniline	10.422	127	278747	41.662	ng		97
34) Hexachlorobutadiene	10.598	225	204017	38.602	ng		97
35) Caprolactam	11.222	113	75342	44.607	ng		95
36) 4-Chloro-3-methylphenol	11.569	107	247055	41.987	ng		99
37) 2-Methylnaphthalene	11.928	142	558387	40.949	ng		97
38) 1-Methylnaphthalene	12.151	142	554793	41.416	ng		98
40) 1,2,4,5-Tetrachloroben...	12.310	216	362947	38.050	ng		99
41) Hexachlorocyclopentadiene	12.292	237	143730	61.587	ng		95
43) 2,4,6-Trichlorophenol	12.563	196	244631	38.961	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.633	196	278307	39.754	ng	99
46) 1,1'-Biphenyl	12.969	154	808471	39.616	ng	99
47) 2-Chloronaphthalene	13.004	162	659153	39.065	ng	98
48) 2-Nitroaniline	13.216	65	186114	42.040	ng	96
49) Acenaphthylene	13.857	152	946292	40.368	ng	99
50) Dimethylphthalate	13.616	163	857276	42.260	ng	98
51) 2,6-Dinitrotoluene	13.727	165	197308	42.076	ng	95
52) Acenaphthene	14.204	154	606197	40.327	ng	98
53) 3-Nitroaniline	14.057	138	180738	42.584	ng	98
54) 2,4-Dinitrophenol	14.269	184	130843	50.001	ng	98
55) Dibenzofuran	14.545	168	1030621	40.508	ng	99
56) 4-Nitrophenol	14.386	139	161327	43.801	ng	97
57) 2,4-Dinitrotoluene	14.521	165	293432	43.208	ng	98
58) Fluorene	15.198	166	898107	41.302	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.780	232	263345	40.844	ng	99
60) Diethylphthalate	14.998	149	918906	43.910	ng	100
61) 4-Chlorophenyl-phenyle...	15.204	204	482455	41.254	ng	99
62) 4-Nitroaniline	15.227	138	204786	42.794	ng	99
63) Azobenzene	15.498	77	712622	41.941	ng	99
65) 4,6-Dinitro-2-methylph...	15.292	198	186185	49.225	ng	96
66) n-Nitrosodiphenylamine	15.421	169	752208	39.849	ng	98
67) 4-Bromophenyl-phenylether	16.098	248	328858	40.005	ng	98
68) Hexachlorobenzene	16.204	284	388938	39.174	ng	99
69) Atrazine	16.386	200	259927	39.231	ng	98
70) Pentachlorophenol	16.551	266	284845	40.439	ng	99
71) Phenanthrene	16.939	178	1443210	39.926	ng	99
72) Anthracene	17.027	178	1419031	39.679	ng	100
73) Carbazole	17.304	167	1376460	40.673	ng	100
74) Di-n-butylphthalate	17.892	149	1608143	42.502	ng	100
75) Fluoranthene	18.962	202	1878169	40.434	ng	99
77) Benzidine	19.162	184	644510	46.207	ng	99
78) Pyrene	19.327	202	1905469	38.398	ng	99
80) Butylbenzylphthalate	20.262	149	758868	42.336	ng	98
81) Benzo(a)anthracene	21.109	228	1862839	40.384	ng	99
82) 3,3'-Dichlorobenzidine	21.045	252	656673	40.963	ng	99
83) Chrysene	21.168	228	1737580	40.402	ng	99
84) Bis(2-ethylhexyl)phtha...	21.068	149	1052709	44.037	ng	99
85) Di-n-octyl phthalate	22.127	149	1766031	43.830	ng	99
87) Indeno(1,2,3-cd)pyrene	26.979	276	2137337	40.186	ng	100
88) Benzo(b)fluoranthene	23.027	252	2018559	39.937	ng	100
89) Benzo(k)fluoranthene	23.091	252	1920689	40.260	ng	100
90) Benzo(a)pyrene	23.768	252	1750430	40.033	ng	99
91) Dibenzo(a,h)anthracene	27.038	278	1772968	40.163	ng	99
92) Benzo(g,h,i)perylene	27.944	276	1862434	40.885	ng	99

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

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