Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102622\
Data File : BM037234.D
Acq On : 26 Oct 2022 12:20
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Oct 26 16:31:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:28:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.886	152	236228	20.000	ng		0.00
21) Naphthalene-d8	10.692	136	988420	20.000	ng		0.00
39) Acenaphthene-d10	14.521	164	636868	20.000	ng		0.00
64) Phenanthrene-d10	17.262	188	1345748	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1412481	20.000	ng		0.00
86) Perylene-d12	23.803	264	1383095	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	115297	8.662	ng		0.00
7) Phenol-d6	7.051	99	152463	8.154	ng		0.00
23) Nitrobenzene-d5	9.057	82	159048	8.607	ng		0.00
42) 2,4,6-Tribromophenol	16.009	330	67458	13.505	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	434130	10.511	ng		0.00
79) Terphenyl-d14	19.880	244	637515	8.993	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	26943	4.698	ng		100
3) Pyridine	3.751	79	69043	3.900	ng		98
4) n-Nitrosodimethylamine	3.663	42	30069	3.913	ng	#	97
6) Aniline	7.216	93	95187	4.010	ng		100
8) 2-Chlorophenol	7.451	128	73416	4.622	ng		99
10) Phenol	7.081	94	85647	3.999	ng		100
11) bis(2-Chloroethyl)ether	7.316	93	73481	4.201	ng		97
12) 1,3-Dichlorobenzene	7.775	146	85919	4.938	ng		97
13) 1,4-Dichlorobenzene	7.922	146	90202	5.058	ng		99
14) 1,2-Dichlorobenzene	8.239	146	86600	5.070	ng		97
15) Benzyl Alcohol	8.133	79	53871	3.698	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.428	45	99151	3.881	ng		99
17) 2-Methylphenol	8.333	107	59197	4.234	ng		98
18) Hexachloroethane	8.963	117	29674	4.511	ng		96
19) n-Nitroso-di-n-propyla...	8.698	70	54701	3.852	ng		98
20) 3+4-Methylphenols	8.663	107	80371	4.181	ng		97
22) Acetophenone	8.716	105	107712	4.342	ng	#	98
24) Nitrobenzene	9.098	77	83022	4.248	ng		98
25) Isophorone	9.622	82	136047	3.982	ng		98
26) 2-Nitrophenol	9.810	139	31356	4.790	ng		91
27) 2,4-Dimethylphenol	9.869	122	55814	4.415	ng		97
28) bis(2-Chloroethoxy)met...	10.110	93	88792	4.297	ng		98
29) 2,4-Dichlorophenol	10.339	162	64906	4.863	ng		95
30) 1,2,4-Trichlorobenzene	10.551	180	80940	5.632	ng		99
31) Naphthalene	10.739	128	258286	4.837	ng		100
33) 4-Chloroaniline	10.863	127	93479	4.355	ng		99
34) Hexachlorobutadiene	11.016	225	51014	6.490	ng		99
36) 4-Chloro-3-methylphenol	11.980	107	65029	4.144	ng		98
37) 2-Methylnaphthalene	12.351	142	173424	4.835	ng		100
38) 1-Methylnaphthalene	12.568	142	170585	4.859	ng		98
40) 1,2,4,5-Tetrachloroben...	12.716	216	90638	5.797	ng		99
43) 2,4,6-Trichlorophenol	12.957	196	54730	5.106	ng		98
44) 2,4,5-Trichlorophenol	13.027	196	63693	5.339	ng		96
46) 1,1'-Biphenyl	13.357	154	225793	4.809	ng		100
47) 2-Chloronaphthalene	13.398	162	175648	4.872	ng		98
48) 2-Nitroaniline	13.615	65	38372	3.343	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	14.245	152	265347	4.544	ng		99
50) Dimethylphthalate	13.986	163	219067	4.878	ng		100
51) 2,6-Dinitrotoluene	14.104	165	40384	4.500	ng		92
52) Acenaphthene	14.586	154	174019	4.796	ng		96
53) 3-Nitroaniline	14.439	138	39451	3.662	ng	#	90
55) Dibenzofuran	14.915	168	278010	5.060	ng		99
57) 2,4-Dinitrotoluene	14.892	165	49249	4.223	ng		90
58) Fluorene	15.568	166	221051	4.911	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	58528	5.931	ng		98
60) Diethylphthalate	15.339	149	212631	4.565	ng		100
61) 4-Chlorophenyl-phenyle...	15.562	204	109989	5.592	ng		98
62) 4-Nitroaniline	15.598	138	38507	3.486	ng		99
63) Azobenzene	15.851	77	183720	3.546	ng		98
66) n-Nitrosodiphenylamine	15.774	169	182281	4.384	ng		98
67) 4-Bromophenyl-phenylether	16.451	248	64336	5.184	ng		94
68) Hexachlorobenzene	16.562	284	80303	5.843	ng		99
69) Atrazine	16.727	200	54978	4.800	ng		97
70) Pentachlorophenol	16.909	266	40624	4.817	ng		98
71) Phenanthrene	17.303	178	361949	4.804	ng		99
72) Anthracene	17.392	178	325198	4.527	ng		99
73) Carbazole	17.668	167	294856	4.397	ng		99
74) Di-n-butylphthalate	18.227	149	313144	3.729	ng		99
75) Fluoranthene	19.315	202	389912	5.030	ng		99
77) Benzidine	19.509	184	119481	4.032	ng		98
78) Pyrene	19.680	202	417547	3.925	ng		100
80) Butylbenzylphthalate	20.574	149	128475	2.930	ng		98
81) Benzo(a)anthracene	21.421	228	429784	4.685	ng		99
82) 3,3'-Dichlorobenzidine	21.356	252	116875	4.693	ng		97
83) Chrysene	21.474	228	419615	4.749	ng		98
84) Bis(2-ethylhexyl)phtha...	21.344	149	186736	2.901	ng		99
85) Di-n-octyl phthalate	22.256	149	307902	2.971	ng		98
87) Indeno(1,2,3-cd)pyrene	26.256	276	431120	4.720	ng		99
88) Benzo(b)fluoranthene	23.080	252	393413	4.489	ng		98
89) Benzo(k)fluoranthene	23.127	252	408543	4.530	ng		99
90) Benzo(a)pyrene	23.697	252	318767	4.522	ng		99
91) Dibenzo(a,h)anthracene	26.262	278	359296	4.722	ng		99
92) Benzo(g,h,i)perylene	27.009	276	354196	4.795	ng		99

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

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