Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022522\
Data File : BM034084.D
Acq On : 25 Feb 2022 19:02
Operator : CG/JU
Sample : N1664-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1MS

Quant Time: Feb 26 04:02:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 26 03:45:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.007	152	141244	20.000	ng		0.00
21) Naphthalene-d8	10.819	136	557591	20.000	ng	#	0.00
39) Acenaphthene-d10	14.642	164	403560	20.000	ng		0.00
64) Phenanthrene-d10	17.377	188	884090	20.000	ng	#	0.00
76) Chrysene-d12	21.553	240	845111	20.000	ng	#	0.00
86) Perylene-d12	24.000	264	800895	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.560	112	1092420	137.873	ng		0.01
7) Phenol-d6	7.160	99	1210049	116.300	ng		0.00
23) Nitrobenzene-d5	9.166	82	939890	90.965	ng		0.00
42) 2,4,6-Tribromophenol	16.124	330	875954	178.843	ng		0.00
45) 2-Fluorobiphenyl	13.271	172	2842274	93.834	ng		0.00
79) Terphenyl-d14	19.995	244	4871277	100.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	116478	38.235	ng	#	45
3) Pyridine	3.837	79	263939	30.841	ng		91
4) n-Nitrosodimethylamine	3.737	42	222822	52.051	ng	#	92
6) Aniline	7.325	93	267651	23.280	ng		93
8) 2-Chlorophenol	7.566	128	447900	50.529	ng	#	80
9) Benzaldehyde	7.131	77	143083	24.496	ng		87
10) Phenol	7.184	94	439987	42.993	ng		98
11) bis(2-Chloroethyl)ether	7.419	93	362104	44.344	ng		88
12) 1,3-Dichlorobenzene	7.895	146	517506	49.667	ng	#	95
13) 1,4-Dichlorobenzene	8.042	146	536006	50.329	ng		93
14) 1,2-Dichlorobenzene	8.360	146	510858	49.148	ng		95
15) Benzyl Alcohol	8.242	79	390896	48.721	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.542	45	406608	37.449	ng		89
17) 2-Methylphenol	8.448	107	345167	47.884	ng		96
18) Hexachloroethane	9.101	117	187225	51.367	ng	#	79
19) n-Nitroso-di-n-propyla...	8.819	70	304509	45.280	ng	#	93
20) 3+4-Methylphenols	8.778	107	456435	45.858	ng		97
22) Acetophenone	8.831	105	657101	48.789	ng	#	93
24) Nitrobenzene	9.213	77	473862	49.263	ng	#	87
25) Isophorone	9.742	82	827651	49.625	ng	#	91
26) 2-Nitrophenol	9.925	139	250905	55.360	ng	#	82
27) 2,4-Dimethylphenol	9.983	122	424636	57.991	ng		94
28) bis(2-Chloroethoxy)met...	10.225	93	503395	44.638	ng	#	96
29) 2,4-Dichlorophenol	10.466	162	500903	55.327	ng		94
30) 1,2,4-Trichlorobenzene	10.683	180	567552	53.399	ng		97
31) Naphthalene	10.872	128	1438341	50.208	ng		99
32) Benzoic acid	10.072	122	83476	15.053	ng	#	86
33) 4-Chloroaniline	10.972	127	131805	11.237	ng	#	90
34) Hexachlorobutadiene	11.166	225	382493	56.639	ng		98
35) Caprolactam	11.748	113	107798	59.066	ng	#	59
36) 4-Chloro-3-methylphenol	12.095	107	465757	52.246	ng	#	84
37) 2-Methylnaphthalene	12.477	142	1121253	53.647	ng		99
38) 1-Methylnaphthalene	12.695	142	1056374	51.838	ng		99
40) 1,2,4,5-Tetrachloroben...	12.842	216	695342	53.893	ng		98
41) Hexachlorocyclopentadiene	12.830	237	972629	129.049	ng		99
43) 2,4,6-Trichlorophenol	13.077	196	453508	55.584	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.148	196	484505	58.456	ng	#	91
46) 1,1'-Biphenyl	13.477	154	1551162	50.307	ng		97
47) 2-Chloronaphthalene	13.524	162	1210414	50.274	ng		94
48) 2-Nitroaniline	13.713	65	296108	51.787	ng	#	74
49) Acenaphthylene	14.366	152	1916134	53.105	ng		99
50) Dimethylphthalate	14.101	163	1552937	51.905	ng		98
51) 2,6-Dinitrotoluene	14.207	165	331032	55.915	ng	#	85
52) Acenaphthene	14.707	154	1283205	53.821	ng		99
53) 3-Nitroaniline	14.530	138	168913	28.525	ng		81
54) 2,4-Dinitrophenol	14.736	184	222405	68.190	ng	#	81
55) Dibenzofuran	15.036	168	1907366	51.216	ng		98
56) 4-Nitrophenol	14.836	139	496785	103.791	ng	#	84
57) 2,4-Dinitrotoluene	14.989	165	460803	59.854	ng	#	79
58) Fluorene	15.683	166	1617163	54.018	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.260	232	448390	55.229	ng	#	89
60) Diethylphthalate	15.460	149	1583235	52.919	ng		98
61) 4-Chlorophenyl-phenyle...	15.677	204	868800	54.192	ng		95
62) 4-Nitroaniline	15.695	138	312161	50.795	ng		91
63) Azobenzene	15.971	77	1263709	48.625	ng		91
65) 4,6-Dinitro-2-methylph...	15.754	198	204958	39.552	ng	#	68
66) n-Nitrosodiphenylamine	15.889	169	1383626	49.989	ng		99
67) 4-Bromophenyl-phenylether	16.571	248	548185	54.888	ng		92
68) Hexachlorobenzene	16.689	284	620925	53.959	ng	#	91
69) Atrazine	16.836	200	534467	58.375	ng		96
70) Pentachlorophenol	17.030	266	804002	115.652	ng		98
71) Phenanthrene	17.424	178	2518527	51.356	ng		99
72) Anthracene	17.512	178	2543900	53.305	ng		99
73) Carbazole	17.777	167	2208732	49.154	ng		99
74) Di-n-butylphthalate	18.348	149	2716899	53.152	ng		100
75) Fluoranthene	19.430	202	2903649	53.893	ng		95
77) Benzidine	19.606	184	832613	52.903	ng		100
78) Pyrene	19.795	202	2960157	51.002	ng		99
80) Butylbenzylphthalate	20.689	149	1136496	51.421	ng	#	84
81) Benzo(a)anthracene	21.536	228	2809892	51.100	ng		98
82) 3,3'-Dichlorobenzidine	21.465	252	615730	33.155	ng	#	97
83) Chrysene	21.589	228	2679026	51.003	ng		99
84) Bis(2-ethylhexyl)phtha...	21.465	149	1728615	51.199	ng	#	98
85) Di-n-octyl phthalate	22.412	149	2753361	51.455	ng	#	89
87) Indeno(1,2,3-cd)pyrene	26.576	276	3030266	53.219	ng	#	94
88) Benzo(b)fluoranthene	23.259	252	2852015	56.824	ng	#	97
89) Benzo(k)fluoranthene	23.306	252	2680816	53.543	ng	#	96
90) Benzo(a)pyrene	23.894	252	2636340	63.922	ng	#	97
91) Dibenzo(a,h)anthracene	26.588	278	2643857	55.211	ng	#	95
92) Benzo(g,h,i)perylene	27.359	276	2598250	56.009	ng	#	96

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

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