Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061221\
Data File : BM030418.D
Acq On : 12 Jun 2021 17:09
Operator : CG/JU
Sample : M2673-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 17-B6(92-96)MS

Quant Time: Jun 14 00:59:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 14:10:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	171384	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	652584	20.000	ng	#	0.00
39) Acenaphthene-d10	14.457	164	394188	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	779703	20.000	ng		0.00
76) Chrysene-d12	21.356	240	875530	20.000	ng		0.00
86) Perylene-d12	23.632	264	1008031	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	852420	80.856	ng		0.00
7) Phenol-d6	6.998	99	1057324	69.280	ng		0.00
23) Nitrobenzene-d5	8.986	82	619285	46.232	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	366536	73.958	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	1429748	47.698	ng		0.00
79) Terphenyl-d14	19.803	244	2109211	42.314	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	133001	29.183	ng		92
3) Pyridine	3.740	79	290185	24.943	ng	#	85
4) n-Nitrosodimethylamine	3.646	42	177000	29.970	ng	#	83
6) Aniline	7.163	93	411545	23.630	ng		95
8) 2-Chlorophenol	7.398	128	383465	30.991	ng		99
9) Benzaldehyde	6.975	77	259436	40.699	ng		94
10) Phenol	7.022	94	469107	30.427	ng		93
11) bis(2-Chloroethyl)ether	7.257	93	360410	29.669	ng		95
12) 1,3-Dichlorobenzene	7.722	146	428692	31.446	ng		97
13) 1,4-Dichlorobenzene	7.869	146	438053	31.532	ng		99
14) 1,2-Dichlorobenzene	8.186	146	418997	31.004	ng		99
15) Benzyl Alcohol	8.069	79	300712	28.077	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.363	45	525112	26.864	ng		91
17) 2-Methylphenol	8.269	107	300155	30.042	ng		94
18) Hexachloroethane	8.910	117	156162	31.275	ng		95
19) n-Nitroso-di-n-propyla...	8.639	70	254577	25.124	ng		96
20) 3+4-Methylphenols	8.592	107	397676	29.255	ng		93
22) Acetophenone	8.651	105	534753	30.670	ng	#	99
24) Nitrobenzene	9.028	77	396148	28.351	ng		95
25) Isophorone	9.557	82	639357	24.904	ng		98
26) 2-Nitrophenol	9.739	139	180626	30.767	ng		95
27) 2,4-Dimethylphenol	9.798	122	328139	33.020	ng		97
28) bis(2-Chloroethoxy)met...	10.033	93	438392	30.033	ng		99
29) 2,4-Dichlorophenol	10.269	162	341348	30.641	ng		97
30) 1,2,4-Trichlorobenzene	10.486	180	402777	31.674	ng		99
31) Naphthalene	10.674	128	1112214	29.258	ng		99
32) Benzoic acid	9.904	122	129237	19.997	ng		92
33) 4-Chloroaniline	10.780	127	172963	11.180	ng		97
34) Hexachlorobutadiene	10.957	225	238600	31.433	ng		98
35) Caprolactam	11.569	113	88459	26.155	ng		92
36) 4-Chloro-3-methylphenol	11.898	107	324168	27.780	ng		98
37) 2-Methylnaphthalene	12.280	142	792537	28.415	ng		97
38) 1-Methylnaphthalene	12.498	142	726979	27.365	ng		100
40) 1,2,4,5-Tetrachloroben...	12.651	216	432833	34.066	ng		99
41) Hexachlorocyclopentadiene	12.633	237	578233	83.001	ng		99
43) 2,4,6-Trichlorophenol	12.886	196	275417	32.063	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	295830	31.398	ng	98
46) 1,1'-Biphenyl	13.292	154	966528	30.278	ng	98
47) 2-Chloronaphthalene	13.333	162	782985	30.346	ng	99
48) 2-Nitroaniline	13.533	65	192967	26.508	ng	95
49) Acenaphthylene	14.180	152	1181091	29.880	ng	99
50) Dimethylphthalate	13.915	163	919015	29.295	ng	100
51) 2,6-Dinitrotoluene	14.033	165	194557	28.134	ng	92
52) Acenaphthene	14.521	154	716895	28.394	ng	99
53) 3-Nitroaniline	14.357	138	120642	18.304	ng	98
54) 2,4-Dinitrophenol	14.568	184	194554	48.878	ng	84
55) Dibenzofuran	14.857	168	1134562	28.241	ng	98
56) 4-Nitrophenol	14.662	139	345117	58.772	ng	92
57) 2,4-Dinitrotoluene	14.815	165	262376	28.161	ng	98
58) Fluorene	15.504	166	935779	28.234	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	253074	31.034	ng	95
60) Diethylphthalate	15.274	149	874175	27.875	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	473046	28.960	ng	97
62) 4-Nitroaniline	15.521	138	192917	25.972	ng	85
63) Azobenzene	15.786	77	806646	25.466	ng	97
65) 4,6-Dinitro-2-methylph...	15.580	198	136615	28.986	ng	99
66) n-Nitrosodiphenylamine	15.709	169	795009	29.320	ng	100
67) 4-Bromophenyl-phenylether	16.386	248	276748	30.458	ng	96
68) Hexachlorobenzene	16.504	284	322764	31.328	ng	95
69) Atrazine	16.656	200	269410	37.099	ng	95
70) Pentachlorophenol	16.845	266	413594	68.588	ng	97
71) Phenanthrene	17.233	178	1442420	29.400	ng	100
72) Anthracene	17.327	178	1462028	30.691	ng	99
73) Carbazole	17.592	167	1307717	28.786	ng	100
74) Di-n-butylphthalate	18.156	149	1413772	29.850	ng	99
75) Fluoranthene	19.245	202	1689151	30.332	ng	99
77) Benzidine	19.427	184	1184301	76.450	ng	99
78) Pyrene	19.603	202	1790330	26.986	ng	99
80) Butylbenzylphthalate	20.497	149	650915	25.865	ng	95
81) Benzo(a)anthracene	21.339	228	1872699	29.389	ng	99
82) 3,3'-Dichlorobenzidine	21.274	252	463016	24.002	ng	98
83) Chrysene	21.391	228	1842737	29.757	ng	99
84) Bis(2-ethylhexyl)phtha...	21.268	149	943258	25.059	ng	98
85) Di-n-octyl phthalate	22.156	149	1651127	27.837	ng	99
87) Indeno(1,2,3-cd)pyrene	25.950	276	2714558	35.405	ng	98
88) Benzo(b)fluoranthene	22.944	252	2099725	27.522	ng	99
89) Benzo(k)fluoranthene	22.991	252	2087054	28.009	ng	99
90) Benzo(a)pyrene	23.532	252	2101314	31.147	ng	99
91) Dibenzo(a,h)anthracene	25.956	278	2305041	34.869	ng	98
92) Benzo(g,h,i)perylene	26.656	276	2282340	36.298	ng	98

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

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