Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033400.D
Acq On : 10 Dec 2021 18:37
Operator : CG/JU
Sample : M4989-15MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P6-COMPMS

Quant Time: Dec 11 02:13:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 09 07:11:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	83267	20.000	ng	-0.01
21) Naphthalene-d8	10.701	136	322723	20.000	ng	0.00
39) Acenaphthene-d10	14.530	164	187552	20.000	ng	0.00
64) Phenanthrene-d10	17.271	188	349649	20.000	ng	0.00
76) Chrysene-d12	21.430	240	298211	20.000	ng	-0.01
86) Perylene-d12	23.747	264	287361	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	643002	126.684	ng	0.00
7) Phenol-d6	7.084	99	822523	116.223	ng	0.00
23) Nitrobenzene-d5	9.072	82	593373	78.070	ng	0.00
42) 2,4,6-Tribromophenol	16.019	330	221538	110.422	ng	0.00
45) 2-Fluorobiphenyl	13.154	172	1071608	79.034	ng	0.00
79) Terphenyl-d14	19.877	244	1181081	73.376	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	68840	30.432	ng	# 77
3) Pyridine	3.802	79	183375	31.928	ng	# 82
4) n-Nitrosodimethylamine	3.713	42	92205	27.546	ng	# 46
6) Aniline	7.237	93	222103	27.928	ng	98
8) 2-Chlorophenol	7.472	128	265669	49.628	ng	96
9) Benzaldehyde	7.049	77	200640	48.909	ng	98
10) Phenol	7.107	94	363238	51.417	ng	97
11) bis(2-Chloroethyl)ether	7.331	93	272418	49.132	ng	99
12) 1,3-Dichlorobenzene	7.790	146	296522	47.131	ng	97
13) 1,4-Dichlorobenzene	7.943	146	301218	47.117	ng	96
14) 1,2-Dichlorobenzene	8.254	146	288146	46.072	ng	98
15) Benzyl Alcohol	8.148	79	266273	45.477	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.431	45	462129	47.182	ng	99
17) 2-Methylphenol	8.348	107	227080	47.209	ng	98
18) Hexachloroethane	8.978	117	121446	48.378	ng	95
19) n-Nitroso-di-n-propyla...	8.713	70	222611	43.950	ng	99
20) 3+4-Methylphenols	8.678	107	296595	45.437	ng	97
22) Acetophenone	8.731	105	424067	48.568	ng	99
24) Nitrobenzene	9.113	77	347610	47.786	ng	99
25) Isophorone	9.637	82	574362	49.759	ng	99
26) 2-Nitrophenol	9.819	139	130982	48.992	ng	94
27) 2,4-Dimethylphenol	9.878	122	237375	55.745	ng	96
28) bis(2-Chloroethoxy)met...	10.113	93	339904	46.624	ng	99
29) 2,4-Dichlorophenol	10.354	162	236271	47.964	ng	98
30) 1,2,4-Trichlorobenzene	10.560	180	266959	45.995	ng	98
31) Naphthalene	10.748	128	829783	48.110	ng	99
32) Benzoic acid	10.037	122	143684	46.594	ng	94
33) 4-Chloroaniline	10.866	127	71272	10.657	ng	95
34) Hexachlorobutadiene	11.025	225	164427	44.852	ng	99
35) Caprolactam	11.672	113	71469	74.455	ng	92
36) 4-Chloro-3-methylphenol	11.989	107	256776	43.396	ng	99
37) 2-Methylnaphthalene	12.354	142	574457	48.724	ng	98
38) 1-Methylnaphthalene	12.578	142	529210	45.519	ng	100
40) 1,2,4,5-Tetrachloroben...	12.725	216	282110	50.907	ng	98
41) Hexachlorocyclopentadiene	12.695	237	362839	122.890	ng	98
43) 2,4,6-Trichlorophenol	12.966	196	177365	48.345	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.042	196	184469	46.903	ng	97
46) 1,1'-Biphenyl	13.366	154	720864	50.463	ng	99
47) 2-Chloronaphthalene	13.407	162	539482	49.234	ng	100
48) 2-Nitroaniline	13.619	65	171625	44.179	ng	98
49) Acenaphthylene	14.254	152	860353	49.915	ng	100
50) Dimethylphthalate	13.989	163	636505	46.713	ng	99
51) 2,6-Dinitrotoluene	14.113	165	130320	46.878	ng	96
52) Acenaphthene	14.595	154	508522	48.659	ng	99
53) 3-Nitroaniline	14.442	138	72736	25.112	ng	99
54) 2,4-Dinitrophenol	14.648	184	113439	73.727	ng	98
55) Dibenzofuran	14.930	168	806672	46.438	ng	98
56) 4-Nitrophenol	14.760	139	212811	97.344	ng	97
57) 2,4-Dinitrotoluene	14.895	165	177895	48.537	ng	98
58) Fluorene	15.577	166	646251	47.272	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.154	232	149038	43.782	ng	99
60) Diethylphthalate	15.348	149	645399	46.988	ng	99
61) 4-Chlorophenyl-phenyle...	15.566	204	312980	44.919	ng	99
62) 4-Nitroaniline	15.607	138	125540	41.263	ng	97
63) Azobenzene	15.860	77	746263	47.033	ng	98
65) 4,6-Dinitro-2-methylph...	15.654	198	77176	39.062	ng	99
66) n-Nitrosodiphenylamine	15.783	169	532293	50.266	ng	99
67) 4-Bromophenyl-phenylether	16.460	248	180668	49.180	ng	99
68) Hexachlorobenzene	16.571	284	196164	49.273	ng	98
69) Atrazine	16.736	200	177255	81.825	ng	98
70) Pentachlorophenol	16.918	266	211274	96.578	ng	97
71) Phenanthrene	17.313	178	945821	48.317	ng	100
72) Anthracene	17.401	178	963592	50.383	ng	99
73) Carbazole	17.671	167	825656	44.806	ng	99
74) Di-n-butylphthalate	18.224	149	1087165	53.931	ng	99
75) Fluoranthene	19.318	202	1013973	46.600	ng	99
77) Benzidine	19.507	184	326167	81.137	ng	99
78) Pyrene	19.677	202	1039358	49.765	ng	100
80) Butylbenzylphthalate	20.565	149	442521	53.731	ng	95
81) Benzo(a)anthracene	21.412	228	919625	46.957	ng	100
82) 3,3'-Dichlorobenzidine	21.348	252	224594	25.319	ng	98
83) Chrysene	21.471	228	900186	47.566	ng	99
84) Bis(2-ethylhexyl)phtha...	21.336	149	668327	57.973	ng	100
85) Di-n-octyl phthalate	22.230	149	1058715	55.072	ng	99
87) Indeno(1,2,3-cd)pyrene	26.130	276	943264	47.858	ng	99
88) Benzo(b)fluoranthene	23.047	252	908895	50.233	ng	100
89) Benzo(k)fluoranthene	23.095	252	875244	48.970	ng	98
90) Benzo(a)pyrene	23.647	252	861778	57.684	ng	98
91) Dibenzo(a,h)anthracene	26.136	278	802612	48.262	ng	97
92) Benzo(g,h,i)perylene	26.853	276	796739	48.986	ng	99

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

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