Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033401.D
Acq On : 10 Dec 2021 19:13
Operator : CG/JU
Sample : M4989-15MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P6-COMPMSD

Quant Time: Dec 11 02:13:42 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	87231	20.000	ng	-0.01
21) Naphthalene-d8	10.701	136	338323	20.000	ng	0.00
39) Acenaphthene-d10	14.530	164	194181	20.000	ng	0.00
64) Phenanthrene-d10	17.271	188	367557	20.000	ng	0.00
76) Chrysene-d12	21.430	240	317406	20.000	ng	-0.01
86) Perylene-d12	23.753	264	304397	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	656905	123.542	ng	0.00
7) Phenol-d6	7.084	99	877559	118.365	ng	0.00
23) Nitrobenzene-d5	9.066	82	615138	77.201	ng	-0.01
42) 2,4,6-Tribromophenol	16.018	330	231116	111.263	ng	0.00
45) 2-Fluorobiphenyl	13.154	172	1121449	79.886	ng	0.00
79) Terphenyl-d14	19.877	244	1248962	72.901	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	58643	24.746	ng	# 79
3) Pyridine	3.802	79	166134	27.611	ng	# 78
4) n-Nitrosodimethylamine	3.713	42	77779	22.180	ng	# 36
6) Aniline	7.237	93	258692	31.050	ng	96
8) 2-Chlorophenol	7.472	128	282394	50.355	ng	96
9) Benzaldehyde	7.048	77	209833	48.818	ng	98
10) Phenol	7.107	94	387923	52.416	ng	93
11) bis(2-Chloroethyl)ether	7.331	93	288344	49.641	ng	98
12) 1,3-Dichlorobenzene	7.789	146	308423	46.795	ng	99
13) 1,4-Dichlorobenzene	7.937	146	319316	47.678	ng	96
14) 1,2-Dichlorobenzene	8.254	146	305898	46.687	ng	99
15) Benzyl Alcohol	8.148	79	274187	44.701	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.431	45	485904	47.355	ng	98
17) 2-Methylphenol	8.348	107	239641	47.556	ng	96
18) Hexachloroethane	8.978	117	129694	49.316	ng	97
19) n-Nitroso-di-n-propyla...	8.713	70	234523	44.198	ng	99
20) 3+4-Methylphenols	8.678	107	316199	46.239	ng	96
22) Acetophenone	8.731	105	444054	48.512	ng	99
24) Nitrobenzene	9.113	77	361816	47.446	ng	98
25) Isophorone	9.636	82	601586	49.714	ng	99
26) 2-Nitrophenol	9.819	139	134419	47.959	ng	93
27) 2,4-Dimethylphenol	9.878	122	246681	55.259	ng	96
28) bis(2-Chloroethoxy)met...	10.113	93	360474	47.166	ng	98
29) 2,4-Dichlorophenol	10.354	162	245445	47.529	ng	98
30) 1,2,4-Trichlorobenzene	10.560	180	275831	45.332	ng	99
31) Naphthalene	10.748	128	871617	48.205	ng	99
32) Benzoic acid	10.031	122	149921	46.375	ng	95
33) 4-Chloroaniline	10.866	127	81870	11.678	ng	96
34) Hexachlorobutadiene	11.025	225	167731	43.644	ng	99
35) Caprolactam	11.672	113	75174	74.703	ng	96
36) 4-Chloro-3-methylphenol	11.989	107	268061	43.215	ng	98
37) 2-Methylnaphthalene	12.354	142	603606	48.835	ng	98
38) 1-Methylnaphthalene	12.577	142	556051	45.622	ng	98
40) 1,2,4,5-Tetrachloroben...	12.719	216	292120	50.914	ng	98
41) Hexachlorocyclopentadiene	12.695	237	366141	119.775	ng	97
43) 2,4,6-Trichlorophenol	12.966	196	186351	49.060	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.042	196	195345	47.972	ng	99
46) 1,1'-Biphenyl	13.366	154	752231	50.861	ng	99
47) 2-Chloronaphthalene	13.407	162	565385	49.837	ng	98
48) 2-Nitroaniline	13.619	65	173408	43.114	ng	96
49) Acenaphthylene	14.254	152	902756	50.587	ng	99
50) Dimethylphthalate	13.989	163	664931	47.133	ng	99
51) 2,6-Dinitrotoluene	14.113	165	135955	47.235	ng	93
52) Acenaphthene	14.595	154	530221	49.003	ng	99
53) 3-Nitroaniline	14.448	138	75545	25.191	ng	95
54) 2,4-Dinitrophenol	14.648	184	122093	76.643	ng	98
55) Dibenzofuran	14.930	168	841189	46.772	ng	99
56) 4-Nitrophenol	14.760	139	228697	101.040	ng	96
57) 2,4-Dinitrotoluene	14.895	165	186363	49.112	ng	99
58) Fluorene	15.577	166	673718	47.598	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.154	232	156531	44.413	ng	99
60) Diethylphthalate	15.348	149	680486	47.851	ng	100
61) 4-Chlorophenyl-phenyle...	15.565	204	326040	45.196	ng	99
62) 4-Nitroaniline	15.607	138	128797	40.888	ng	95
63) Azobenzene	15.860	77	789891	48.083	ng	98
65) 4,6-Dinitro-2-methylph...	15.654	198	83112	40.017	ng	98
66) n-Nitrosodiphenylamine	15.783	169	561086	50.404	ng	99
67) 4-Bromophenyl-phenylether	16.460	248	190144	49.238	ng	99
68) Hexachlorobenzene	16.571	284	207133	49.494	ng	98
69) Atrazine	16.736	200	185100	81.283	ng	97
70) Pentachlorophenol	16.918	266	229306	99.714	ng	98
71) Phenanthrene	17.312	178	1003935	48.787	ng	100
72) Anthracene	17.401	178	1022234	50.845	ng	100
73) Carbazole	17.677	167	891293	46.012	ng	99
74) Di-n-butylphthalate	18.224	149	1158471	54.668	ng	100
75) Fluoranthene	19.318	202	1075202	47.007	ng	99
77) Benzidine	19.506	184	342340	80.010	ng	99
78) Pyrene	19.683	202	1100037	49.485	ng	100
80) Butylbenzylphthalate	20.571	149	466602	53.228	ng	99
81) Benzo(a)anthracene	21.418	228	979778	47.003	ng	99
82) 3,3'-Dichlorobenzidine	21.353	252	243309	25.770	ng	100
83) Chrysene	21.471	228	962304	47.774	ng	100
84) Bis(2-ethylhexyl)phtha...	21.336	149	708536	57.744	ng	99
85) Di-n-octyl phthalate	22.236	149	1121976	54.833	ng	100
87) Indeno(1,2,3-cd)pyrene	26.129	276	1016276	48.677	ng	98
88) Benzo(b)fluoranthene	23.053	252	994101	51.868	ng	99
89) Benzo(k)fluoranthene	23.100	252	909967	48.063	ng	99
90) Benzo(a)pyrene	23.653	252	934632	59.059	ng	99
91) Dibenzo(a,h)anthracene	26.135	278	871567	49.475	ng	96
92) Benzo(g,h,i)perylene	26.853	276	859982	49.915	ng	97

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

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