Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM028996.D
Acq On : 05 Mar 2021 15:05
Operator : CG/JU
Sample : PB134995BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB134995BS

Quant Time: Mar 05 15:36:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:17:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152	12387	20.00	ng		0.00
21) Naphthalene-d8	10.475	136	48523	20.00	ng	#	0.00
39) Acenaphthene-d10	14.351	164	27232	20.00	ng		0.00
64) Phenanthrene-d10	17.098	188	52799	20.00	ng		0.00
76) Chrysene-d12	21.268	240	46803	20.00	ng	#	0.00
86) Perylene-d12	23.433	264	38774	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	93603	125.25	ng		0.00
7) Phenol-d6	6.875	99	112538	114.01	ng		0.00
23) Nitrobenzene-d5	8.857	82	62691	69.70	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	36046	111.68	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	136219	66.59	ng		0.00
79) Terphenyl-d14	19.721	244	157123	61.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	11657	41.49	ng	#	58
3) Pyridine	3.511	79	29453	39.72	ng	#	28
4) n-Nitrosodimethylamine	3.428	42	24049	58.05	ng	#	40
6) Aniline	7.016	93	35150	33.30	ng		98
8) 2-Chlorophenol	7.246	128	37810	42.59	ng		96
9) Benzaldehyde	6.828	77	11304	21.01	ng		87
10) Phenol	6.899	94	42062	42.88	ng		97
11) bis(2-Chloroethyl)ether	7.122	93	30676	41.22	ng		90
12) 1,3-Dichlorobenzene	7.563	146	40351	41.68	ng		95
13) 1,4-Dichlorobenzene	7.716	146	40647	41.40	ng		98
14) 1,2-Dichlorobenzene	8.028	146	38799	41.07	ng		99
15) Benzyl Alcohol	7.940	79	30641	43.41	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.222	45	53657	46.82	ng		70
17) 2-Methylphenol	8.146	107	28483	42.76	ng		94
18) Hexachloroethane	8.746	117	15825	44.36	ng		91
19) n-Nitroso-di-n-propyla...	8.505	70	24150	41.59	ng	#	47
20) 3+4-Methylphenols	8.481	107	38224	42.65	ng		93
22) Acetophenone	8.516	105	52790	44.61	ng	#	84
24) Nitrobenzene	8.899	77	38184	41.76	ng	#	85
25) Isophorone	9.422	82	63773	40.30	ng		95
26) 2-Nitrophenol	9.604	139	19367	41.93	ng		92
27) 2,4-Dimethylphenol	9.675	122	30381	43.83	ng		92
28) bis(2-Chloroethoxy)met...	9.904	93	39480	43.91	ng		99
29) 2,4-Dichlorophenol	10.134	162	33056	41.68	ng		97
30) 1,2,4-Trichlorobenzene	10.340	180	35844	41.22	ng		97
31) Naphthalene	10.528	128	107848	40.31	ng		99
32) Benzoic acid	9.852	122	21594	43.46	ng	#	89
33) 4-Chloroaniline	10.651	127	24245	22.55	ng		95
34) Hexachlorobutadiene	10.793	225	21651	41.53	ng		98
35) Caprolactam	11.463	113	8379	38.62	ng	#	30
36) 4-Chloro-3-methylphenol	11.798	107	33511	41.93	ng		94
37) 2-Methylnaphthalene	12.146	142	75959	40.35	ng		99
38) 1-Methylnaphthalene	12.369	142	70885	39.76	ng		99
40) 1,2,4,5-Tetrachloroben...	12.522	216	36846	43.28	ng		99
41) Hexachlorocyclopentadiene	12.487	237	37348	115.07	ng		98
43) 2,4,6-Trichlorophenol	12.775	196	24698	41.38	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	26241	40.97	ng		95
46) 1,1'-Biphenyl	13.175	154	93184	42.67	ng		99
47) 2-Chloronaphthalene	13.222	162	73835	41.41	ng		98
48) 2-Nitroaniline	13.445	65	22291	46.49	ng		93
49) Acenaphthylene	14.069	152	113331	41.39	ng		100
50) Dimethylphthalate	13.822	163	85974	41.66	ng		98
51) 2,6-Dinitrotoluene	13.951	165	19135	39.77	ng		94
52) Acenaphthene	14.416	154	67597	40.26	ng		97
53) 3-Nitroaniline	14.281	138	13162	28.07	ng		89
54) 2,4-Dinitrophenol	14.504	184	22515	91.48	ng		92
55) Dibenzofuran	14.751	168	107867	40.92	ng		96
56) 4-Nitrophenol	14.610	139	30722	79.89	ng		91
57) 2,4-Dinitrotoluene	14.745	165	26326	41.88	ng	#	82
58) Fluorene	15.404	166	86827	41.09	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.986	232	21253	41.28	ng	#	85
60) Diethylphthalate	15.186	149	87249	42.02	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	42547	42.20	ng	#	89
62) 4-Nitroaniline	15.451	138	17720	39.10	ng		95
63) Azobenzene	15.692	77	83049	43.35	ng		85
65) 4,6-Dinitro-2-methylph...	15.510	198	14194	38.18	ng	#	64
66) n-Nitrosodiphenylamine	15.622	169	72533	40.16	ng		98
67) 4-Bromophenyl-phenylether	16.292	248	23854	40.26	ng	#	88
68) Hexachlorobenzene	16.404	284	26908	40.76	ng		94
69) Atrazine	16.575	200	20108	35.78	ng		97
70) Pentachlorophenol	16.751	266	31768	89.96	ng		98
71) Phenanthrene	17.139	178	124616	39.63	ng		99
72) Anthracene	17.228	178	128692	41.32	ng		99
73) Carbazole	17.510	167	113388	37.94	ng		99
74) Di-n-butylphthalate	18.063	149	140227	41.27	ng		100
75) Fluoranthene	19.151	202	136589	39.53	ng		97
77) Benzidine	19.351	184	38718	25.10	ng		99
78) Pyrene	19.516	202	139929	40.70	ng		99
80) Butylbenzylphthalate	20.416	149	59464	40.17	ng	#	95
81) Benzo(a)anthracene	21.257	228	126965	39.09	ng		99
82) 3,3'-Dichlorobenzidine	21.198	252	34960	31.16	ng	#	97
83) Chrysene	21.310	228	123918	39.15	ng		100
84) Bis(2-ethylhexyl)phtha...	21.186	149	88331	41.47	ng		95
85) Di-n-octyl phthalate	22.045	149	147680	40.86	ng	#	87
87) Indeno(1,2,3-cd)pyrene	25.603	276	127093	43.44	ng	#	92
88) Benzo(b)fluoranthene	22.792	252	122393	44.69	ng	#	97
89) Benzo(k)fluoranthene	22.833	252	119431	45.90	ng	#	97
90) Benzo(a)pyrene	23.345	252	107361	42.96	ng	#	97
91) Dibenzo(a,h)anthracene	25.603	278	107504	42.28	ng	#	95
92) Benzo(g,h,i)perylene	26.256	276	105663	43.03	ng	#	94

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

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