Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028520.D
Acq On : 22 Jan 2021 16:15
Operator : CG/JU
Sample : M1209-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-PS-01-069MS

Quant Time: Jan 22 17:08:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 10:45:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.010	152	38601	20.00	ng		0.00
21) Naphthalene-d8	10.833	136	162221	20.00	ng	#	0.00
39) Acenaphthene-d10	14.657	164	91677	20.00	ng		0.00
64) Phenanthrene-d10	17.386	188	172121	20.00	ng	#	0.00
76) Chrysene-d12	21.515	240	130038	20.00	ng	#	0.00
86) Perylene-d12	23.797	264	132089	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	274924	112.51	ng		0.00
7) Phenol-d6	7.181	99	361142	108.54	ng		0.00
23) Nitrobenzene-d5	9.192	82	223910	65.47	ng		0.00
42) 2,4,6-Tribromophenol	16.139	330	127046	104.59	ng		0.00
45) 2-Fluorobiphenyl	13.280	172	461143	63.11	ng		0.00
79) Terphenyl-d14	19.974	244	451229	62.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	31762	32.40	ng	#	70
3) Pyridine	3.746	79	94848	34.94	ng	#	50
4) n-Nitrosodimethylamine	3.657	42	55410	35.50	ng	#	65
6) Aniline	7.334	93	89812	24.91	ng		96
8) 2-Chlorophenol	7.575	128	125536	46.20	ng		97
9) Benzaldehyde	7.145	77	71001	41.01	ng		82
10) Phenol	7.204	94	158139	50.43	ng		86
11) bis(2-Chloroethyl)ether	7.434	93	109446	43.28	ng		94
12) 1,3-Dichlorobenzene	7.898	146	132198	41.23	ng	#	92
13) 1,4-Dichlorobenzene	8.051	146	134488	41.48	ng		98
14) 1,2-Dichlorobenzene	8.369	146	129701	41.70	ng		98
15) Benzyl Alcohol	8.263	79	103982	44.85	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.551	45	176484	38.67	ng		71
17) 2-Methylphenol	8.469	107	102205	47.07	ng	#	88
18) Hexachloroethane	9.098	117	50348	41.25	ng		91
19) n-Nitroso-di-n-propyla...	8.834	70	86242	43.53	ng	#	67
20) 3+4-Methylphenols	8.798	107	137508	47.22	ng		89
22) Acetophenone	8.851	105	170939	40.64	ng	#	89
24) Nitrobenzene	9.234	77	130239	39.45	ng	#	87
25) Isophorone	9.763	82	232535	44.37	ng		95
26) 2-Nitrophenol	9.945	139	68389	45.77	ng	#	80
27) 2,4-Dimethylphenol	10.004	122	111391	51.27	ng		87
28) bis(2-Chloroethoxy)met...	10.239	93	147018	39.75	ng		99
29) 2,4-Dichlorophenol	10.481	162	114586	44.20	ng		99
30) 1,2,4-Trichlorobenzene	10.692	180	120407	39.10	ng		99
31) Naphthalene	10.881	128	377324	41.17	ng		99
32) Benzoic acid	10.163	122	78256	40.02	ng	#	86
33) 4-Chloroaniline	10.992	127	66006	17.33	ng	#	92
34) Hexachlorobutadiene	11.157	225	69796	37.99	ng		97
35) Caprolactam	11.804	113	36089	43.01	ng	#	58
36) 4-Chloro-3-methylphenol	12.116	107	119762	44.43	ng		93
37) 2-Methylnaphthalene	12.486	142	268480	42.49	ng		96
38) 1-Methylnaphthalene	12.704	142	252166	42.06	ng		99
40) 1,2,4,5-Tetrachloroben...	12.857	216	128882	42.62	ng		99
41) Hexachlorocyclopentadiene	12.827	237	120710	85.45	ng		99
43) 2,4,6-Trichlorophenol	13.092	196	88158	43.46	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.169	196	94296	44.92	ng		97
46) 1,1'-Biphenyl	13.492	154	331531	42.38	ng		100
47) 2-Chloronaphthalene	13.539	162	256687	40.15	ng		99
48) 2-Nitroaniline	13.745	65	79495	39.65	ng	#	85
49) Acenaphthylene	14.386	152	403758	42.56	ng		99
50) Dimethylphthalate	14.116	163	325314	43.16	ng		99
51) 2,6-Dinitrotoluene	14.239	165	69039	43.06	ng	#	87
52) Acenaphthene	14.721	154	242502	41.17	ng		98
53) 3-Nitroaniline	14.569	138	49011	27.12	ng		85
54) 2,4-Dinitrophenol	14.774	184	68693	71.93	ng		92
55) Dibenzofuran	15.057	168	371104	40.96	ng		99
56) 4-Nitrophenol	14.874	139	120385	84.59	ng	#	75
57) 2,4-Dinitrotoluene	15.021	165	92496	43.31	ng		93
58) Fluorene	15.698	166	305101	41.11	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.280	232	79798	43.01	ng		94
60) Diethylphthalate	15.468	149	310088	40.53	ng		98
61) 4-Chlorophenyl-phenyle...	15.692	204	145609	39.83	ng		97
62) 4-Nitroaniline	15.727	138	67177	34.14	ng	#	81
63) Azobenzene	15.980	77	292484	40.72	ng		91
65) 4,6-Dinitro-2-methylph...	15.786	198	46223	43.23	ng		87
66) n-Nitrosodiphenylamine	15.904	169	260735	45.24	ng		98
67) 4-Bromophenyl-phenylether	16.580	248	88097	43.22	ng		97
68) Hexachlorobenzene	16.698	284	98338	41.52	ng		97
69) Atrazine	16.845	200	71360	41.77	ng		96
70) Pentachlorophenol	17.039	266	119738	92.75	ng		98
71) Phenanthrene	17.427	178	439186	41.49	ng		100
72) Anthracene	17.515	178	451091	44.12	ng		99
73) Carbazole	17.786	167	390043	40.23	ng		100
74) Di-n-butylphthalate	18.333	149	510981	43.80	ng		98
75) Fluoranthene	19.421	202	445019	37.43	ng		96
77) Benzidine	19.603	184	88798	30.37	ng		99
78) Pyrene	19.780	202	442545	47.46	ng		99
80) Butylbenzylphthalate	20.656	149	193376	47.04	ng		95
81) Benzo(a)anthracene	21.497	228	377612	42.05	ng		100
82) 3,3'-Dichlorobenzidine	21.433	252	114760	39.77	ng	#	98
83) Chrysene	21.550	228	362348	41.80	ng		100
84) Bis(2-ethylhexyl)phtha...	21.415	149	275286	47.36	ng		97
85) Di-n-octyl phthalate	22.297	149	446978	45.48	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.132	276	454815	46.21	ng	#	89
88) Benzo(b)fluoranthene	23.109	252	389812	43.47	ng	#	97
89) Benzo(k)fluoranthene	23.156	252	363980	41.57	ng	#	97
90) Benzo(a)pyrene	23.697	252	349336	42.04	ng	#	96
91) Dibenzo(a,h)anthracene	26.138	278	382155	46.94	ng	#	94
92) Benzo(g,h,i)perylene	26.844	276	381859	47.68	ng	#	93

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

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