Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028495.D
Acq On : 21 Jan 2021 19:18
Operator : CG/JU
Sample : M1179-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HS-TP3MS

Quant Time: Jan 21 23:34:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 14:45:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	31880	20.00	ng		-0.02
21) Naphthalene-d8	10.833	136	125319	20.00	ng		#-0.02
39) Acenaphthene-d10	14.663	164	69349	20.00	ng		-0.01
64) Phenanthrene-d10	17.392	188	137419	20.00	ng		#-0.01
76) Chrysene-d12	21.521	240	131370	20.00	ng		#-0.01
86) Perylene-d12	23.803	264	131087	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	202515	100.35	ng		-0.01
7) Phenol-d6	7.181	99	257974	93.88	ng		0.00
23) Nitrobenzene-d5	9.192	82	162790	61.61	ng		-0.02
42) 2,4,6-Tribromophenol	16.145	330	90757	98.77	ng		-0.01
45) 2-Fluorobiphenyl	13.286	172	336097	60.80	ng		-0.01
79) Terphenyl-d14	19.980	244	408608	56.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	27095	33.46	ng	#	64
3) Pyridine	3.752	79	79826	35.61	ng	#	52
4) n-Nitrosodimethylamine	3.657	42	48555	37.67	ng	#	59
6) Aniline	7.340	93	51178	17.19	ng		96
8) 2-Chlorophenol	7.575	128	96607	43.05	ng		97
9) Benzaldehyde	7.145	77	58363	40.82	ng		84
10) Phenol	7.204	94	117116	45.22	ng		87
11) bis(2-Chloroethyl)ether	7.440	93	86183	41.27	ng		94
12) 1,3-Dichlorobenzene	7.904	146	106084	40.06	ng	#	92
13) 1,4-Dichlorobenzene	8.051	146	107691	40.22	ng		98
14) 1,2-Dichlorobenzene	8.375	146	102871	40.05	ng		99
15) Benzyl Alcohol	8.263	79	80311	41.95	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.557	45	138425	36.73	ng		71
17) 2-Methylphenol	8.469	107	76952	42.91	ng	#	89
18) Hexachloroethane	9.104	117	40034	39.72	ng		90
19) n-Nitroso-di-n-propyla...	8.834	70	66518	40.65	ng	#	65
20) 3+4-Methylphenols	8.798	107	103070	42.85	ng		90
22) Acetophenone	8.851	105	132654	40.83	ng	#	88
24) Nitrobenzene	9.239	77	101762	39.90	ng	#	86
25) Isophorone	9.763	82	174490	43.10	ng		96
26) 2-Nitrophenol	9.945	139	51449	44.57	ng	#	84
27) 2,4-Dimethylphenol	10.004	122	81146	48.35	ng		89
28) bis(2-Chloroethoxy)met...	10.245	93	111045	38.86	ng		99
29) 2,4-Dichlorophenol	10.481	162	85195	42.54	ng		99
30) 1,2,4-Trichlorobenzene	10.698	180	92157	38.74	ng		99
31) Naphthalene	10.886	128	287186	40.56	ng		100
32) Benzoic acid	10.151	122	64348	42.60	ng	#	86
33) 4-Chloroaniline	10.992	127	32353	11.00	ng	#	93
34) Hexachlorobutadiene	11.163	225	53262	37.53	ng		99
35) Caprolactam	11.792	113	26417	40.76	ng	#	54
36) 4-Chloro-3-methylphenol	12.116	107	88568	42.53	ng		95
37) 2-Methylnaphthalene	12.492	142	200438	41.06	ng		96
38) 1-Methylnaphthalene	12.710	142	189107	40.83	ng		100
40) 1,2,4,5-Tetrachloroben...	12.857	216	94825	41.46	ng		98
41) Hexachlorocyclopentadiene	12.833	237	115457	108.05	ng		99
43) 2,4,6-Trichlorophenol	13.098	196	65257	42.53	ng		98

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44) 2,4,5-Trichlorophenol	13.169	196	69445	43.74	ng		97
46) 1,1'-Biphenyl	13.498	154	244873	41.38	ng		99
47) 2-Chloronaphthalene	13.545	162	191028	39.50	ng		98
48) 2-Nitroaniline	13.745	65	58831	38.79	ng		87
49) Acenaphthylene	14.386	152	299408	41.72	ng		100
50) Dimethylphthalate	14.121	163	233586	40.97	ng		100
51) 2,6-Dinitrotoluene	14.245	165	51167	42.19	ng	#	87
52) Acenaphthene	14.727	154	180613	40.53	ng		97
53) 3-Nitroaniline	14.569	138	24819	18.15	ng		89
54) 2,4-Dinitrophenol	14.780	184	60723	84.06	ng		91
55) Dibenzofuran	15.057	168	279200	40.74	ng		99
56) 4-Nitrophenol	14.874	139	95189	88.42	ng	#	76
57) 2,4-Dinitrotoluene	15.027	165	69860	43.24	ng		89
58) Fluorene	15.704	166	229895	40.95	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.280	232	59967	42.72	ng		94
60) Diethylphthalate	15.474	149	231230	39.95	ng		98
61) 4-Chlorophenyl-phenyle...	15.692	204	108695	39.30	ng		94
62) 4-Nitroaniline	15.727	138	52734	35.43	ng	#	81
63) Azobenzene	15.986	77	219849	40.46	ng		91
65) 4,6-Dinitro-2-methylph...	15.786	198	38823	45.47	ng		79
66) n-Nitrosodiphenylamine	15.910	169	196700	42.75	ng		98
67) 4-Bromophenyl-phenylether	16.580	248	66237	40.70	ng		93
68) Hexachlorobenzene	16.698	284	75153	39.74	ng		96
69) Atrazine	16.851	200	54999	40.32	ng		97
70) Pentachlorophenol	17.039	266	96778	93.89	ng		99
71) Phenanthrene	17.433	178	345558	40.89	ng		100
72) Anthracene	17.521	178	353979	43.36	ng		99
73) Carbazole	17.792	167	323141	41.74	ng		99
74) Di-n-butylphthalate	18.339	149	397999	42.73	ng		98
75) Fluoranthene	19.427	202	389877	41.08	ng		97
77) Benzidine	19.604	184	136657	46.26	ng		99
78) Pyrene	19.786	202	392693	41.69	ng		99
80) Butylbenzylphthalate	20.662	149	176948	42.61	ng		96
81) Benzo(a)anthracene	21.503	228	371100	40.91	ng		100
82) 3,3'-Dichlorobenzidine	21.439	252	81190	27.85	ng	#	99
83) Chrysene	21.556	228	359840	41.09	ng		99
84) Bis(2-ethylhexyl)phtha...	21.421	149	257808	43.90	ng	#	96
85) Di-n-octyl phthalate	22.309	149	440319	44.35	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.138	276	429684	43.99	ng	#	90
88) Benzo(b)fluoranthene	23.115	252	380863	42.80	ng	#	96
89) Benzo(k)fluoranthene	23.162	252	365466	42.06	ng	#	97
90) Benzo(a)pyrene	23.703	252	343910	41.70	ng	#	96
91) Dibenzo(a,h)anthracene	26.144	278	360759	44.65	ng	#	94
92) Benzo(g,h,i)perylene	26.856	276	358375	45.09	ng	#	92

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

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