Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028483.D
Acq On : 21 Jan 2021 11:28
Operator : CG/JU
Sample : M1160-07MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BASIN-3MSD

Quant Time: Jan 21 11:58:30 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	8.028	152	30576	20.00	ng		0.00
21) Naphthalene-d8	10.845	136	125580	20.00	ng		# 0.00
39) Acenaphthene-d10	14.668	164	69820	20.00	ng		0.00
64) Phenanthrene-d10	17.398	188	140134	20.00	ng		# 0.00
76) Chrysene-d12	21.527	240	130491	20.00	ng		# 0.00
86) Perylene-d12	23.815	264	127975	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	181981	94.02	ng		0.00
7) Phenol-d6	7.187	99	235267	89.27	ng		0.00
23) Nitrobenzene-d5	9.204	82	148390	56.04	ng		0.00
42) 2,4,6-Tribromophenol	16.151	330	86878	93.91	ng		0.00
45) 2-Fluorobiphenyl	13.292	172	319598	57.43	ng		0.00
79) Terphenyl-d14	19.986	244	390506	54.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	26907	34.65	ng	#	64
3) Pyridine	3.763	79	79693	37.07	ng	#	52
4) n-Nitrosodimethylamine	3.669	42	50620	40.95	ng	#	59
6) Aniline	7.345	93	56175	19.67	ng		99
8) 2-Chlorophenol	7.586	128	101754	47.28	ng		97
9) Benzaldehyde	7.157	77	66124	48.22	ng		83
10) Phenol	7.216	94	124042	49.94	ng		87
11) bis(2-Chloroethyl)ether	7.445	93	90358	45.11	ng		90
12) 1,3-Dichlorobenzene	7.916	146	110391	43.47	ng	#	92
13) 1,4-Dichlorobenzene	8.063	146	111878	43.56	ng		98
14) 1,2-Dichlorobenzene	8.386	146	106957	43.41	ng		98
15) Benzyl Alcohol	8.275	79	85005	46.29	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.557	45	147737	40.87	ng		70
17) 2-Methylphenol	8.481	107	81405	47.33	ng	#	90
18) Hexachloroethane	9.116	117	41605	43.04	ng		90
19) n-Nitroso-di-n-propyla...	8.845	70	70642	45.01	ng	#	65
20) 3+4-Methylphenols	8.810	107	110623	47.96	ng		90
22) Acetophenone	8.863	105	139667	42.90	ng	#	88
24) Nitrobenzene	9.245	77	107097	41.90	ng	#	86
25) Isophorone	9.775	82	188490	46.46	ng		96
26) 2-Nitrophenol	9.957	139	54247	46.90	ng	#	83
27) 2,4-Dimethylphenol	10.016	122	87015	51.74	ng		90
28) bis(2-Chloroethoxy)met...	10.251	93	117587	41.07	ng		98
29) 2,4-Dichlorophenol	10.492	162	91047	45.37	ng		98
30) 1,2,4-Trichlorobenzene	10.710	180	97306	40.82	ng		98
31) Naphthalene	10.898	128	302814	42.68	ng		99
32) Benzoic acid	10.151	122	53099	35.08	ng	#	86
33) 4-Chloroaniline	11.004	127	41803	14.18	ng		93
34) Hexachlorobutadiene	11.174	225	55309	38.89	ng		99
35) Caprolactam	11.816	113	28797	44.34	ng	#	58
36) 4-Chloro-3-methylphenol	12.127	107	95998	46.01	ng		93
37) 2-Methylnaphthalene	12.504	142	212032	43.35	ng		96
38) 1-Methylnaphthalene	12.721	142	198273	42.73	ng		99
40) 1,2,4,5-Tetrachloroben...	12.868	216	100318	43.56	ng		98
41) Hexachlorocyclopentadiene	12.839	237	112129	104.23	ng		100
43) 2,4,6-Trichlorophenol	13.110	196	70332	45.53	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.180	196	75718	47.37	ng	#	96
46) 1,1'-Biphenyl	13.510	154	262110	43.99	ng		100
47) 2-Chloronaphthalene	13.551	162	202010	41.48	ng		97
48) 2-Nitroaniline	13.757	65	64333	42.13	ng		89
49) Acenaphthylene	14.398	152	323404	44.76	ng		99
50) Dimethylphthalate	14.127	163	264243	46.04	ng		100
51) 2,6-Dinitrotoluene	14.251	165	55490	45.44	ng		90
52) Acenaphthene	14.733	154	193657	43.17	ng		99
53) 3-Nitroaniline	14.574	138	27717	20.14	ng		92
54) 2,4-Dinitrophenol	14.786	184	52461	72.13	ng		95
55) Dibenzofuran	15.068	168	300912	43.61	ng		98
56) 4-Nitrophenol	14.886	139	103052	95.08	ng	#	76
57) 2,4-Dinitrotoluene	15.033	165	75627	46.50	ng		94
58) Fluorene	15.715	166	248688	44.00	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.292	232	66004	46.71	ng		94
60) Diethylphthalate	15.480	149	252399	43.31	ng		98
61) 4-Chlorophenyl-phenyle...	15.704	204	118459	42.54	ng		96
62) 4-Nitroaniline	15.733	138	57441	38.33	ng	#	83
63) Azobenzene	15.992	77	243061	44.43	ng		89
65) 4,6-Dinitro-2-methylph...	15.792	198	38977	44.77	ng	#	78
66) n-Nitrosodiphenylamine	15.915	169	213202	45.43	ng		98
67) 4-Bromophenyl-phenylether	16.592	248	72853	43.90	ng		96
68) Hexachlorobenzene	16.709	284	81327	42.17	ng		97
69) Atrazine	16.856	200	61483	44.20	ng		97
70) Pentachlorophenol	17.051	266	106457	101.28	ng		99
71) Phenanthrene	17.439	178	373522	43.34	ng		99
72) Anthracene	17.533	178	382868	45.99	ng		99
73) Carbazole	17.798	167	350149	44.35	ng		100
74) Di-n-butylphthalate	18.345	149	435446	45.84	ng		99
75) Fluoranthene	19.433	202	420331	43.43	ng		97
77) Benzidine	19.615	184	151731	51.71	ng		99
78) Pyrene	19.792	202	421566	45.06	ng		99
80) Butylbenzylphthalate	20.668	149	192303	46.61	ng		97
81) Benzo(a)anthracene	21.515	228	396323	43.98	ng		100
82) 3,3'-Dichlorobenzidine	21.444	252	93514	32.29	ng	#	97
83) Chrysene	21.568	228	381940	43.91	ng		99
84) Bis(2-ethylhexyl)phtha...	21.427	149	282769	48.48	ng		97
85) Di-n-octyl phthalate	22.315	149	483546	49.03	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.156	276	445703	46.74	ng	#	90
88) Benzo(b)fluoranthene	23.127	252	406955	46.84	ng	#	96
89) Benzo(k)fluoranthene	23.174	252	375103	44.22	ng	#	97
90) Benzo(a)pyrene	23.715	252	360436	44.77	ng	#	96
91) Dibenzo(a,h)anthracene	26.162	278	376764	47.76	ng	#	94
92) Benzo(g,h,i)perylene	26.873	276	371969	47.94	ng	#	92

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

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