Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027176.D
Acq On : 21 Aug 2020 19:03
Operator : JU/CG
Sample : PB131109BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB131109BS

Quant Time: Aug 24 10:43:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 10:33:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	65424	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	249109	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	180768	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	421297	20.00	ng		0.00
76) Chrysene-d12	21.19	240	429376	20.00	ng		0.00
86) Perylene-d12	23.38	264	416713	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	370167	110.30	ng		0.00
7) Phenol-d6	6.80	99	473908	102.85	ng		0.00
23) Nitrobenzene-d5	8.76	82	540021	89.44	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	280387	95.79	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	1226626	89.14	ng		0.00
79) Terphenyl-d14	19.63	244	1654519	71.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	57672	35.960	ng		96
3) Pyridine	3.59	79	127836	28.394	ng		99
4) n-Nitrosodimethylamine	3.49	42	75696	38.541	ng	#	90
6) Aniline	6.95	93	182462	34.857	ng		97
8) 2-Chlorophenol	7.19	128	146140	41.845	ng		99
9) Benzaldehyde	6.76	77	103557	32.824	ng		91
10) Phenol	6.82	94	177540	40.429	ng		97
11) bis(2-Chloroethyl)ether	7.05	93	139638	38.901	ng		93
12) 1,3-Dichlorobenzene	7.50	146	179597	36.744	ng		98
13) 1,4-Dichlorobenzene	7.65	146	183727	37.255	ng		99
14) 1,2-Dichlorobenzene	7.96	146	173761	37.150	ng		98
15) Benzyl Alcohol	7.85	79	160835	38.401	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	100641	34.947	ng		98
17) 2-Methylphenol	8.06	107	119667	39.383	ng		98
18) Hexachloroethane	8.69	117	75976	37.963	ng		93
19) n-Nitroso-di-n-propylamine	8.42	70	131184	37.090	ng		97
20) 3+4-Methylphenols	8.38	107	158324	38.939	ng		96
22) Acetophenone	8.43	105	232303	34.698	ng		99
24) Nitrobenzene	8.80	77	218417	35.739	ng		98
25) Isophorone	9.33	82	325043	36.753	ng		100
26) 2-Nitrophenol	9.50	139	72303	37.903	ng		96
27) 2,4-Dimethylphenol	9.57	122	131979	44.559	ng		98
28) bis(2-Chloroethoxy)methane	9.81	93	191883	35.555	ng		99
29) 2,4-Dichlorophenol	10.04	162	160634	38.888	ng		99
30) 1,2,4-Trichlorobenzene	10.25	180	193310	35.649	ng		99
31) Naphthalene	10.43	128	465712	36.885	ng		99
32) Benzoic acid	9.70	122	68606	29.813	ng		98
33) 4-Chloroaniline	10.55	127	98192	18.825	ng		98
34) Hexachlorobutadiene	10.73	225	134706	37.228	ng		98
35) Caprolactam	11.31	113	35526	31.727	ng		96
36) 4-Chloro-3-methylphenol	11.67	107	156684	36.695	ng		98
37) 2-Methylnaphthalene	12.05	142	360909	37.746	ng		99
38) 1-Methylnaphthalene	12.27	142	341531	37.117	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	234393	36.818	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	348918	99.156 ng	97
43) 2,4,6-Trichlorophenol	12.67	196	137005	34.853 ng	100
44) 2,4,5-Trichlorophenol	12.75	196	149575	35.882 ng	98
46) 1,1'-Biphenyl	13.08	154	493700	36.439 ng	99
47) 2-Chloronaphthalene	13.12	162	390724	33.824 ng	98
48) 2-Nitroaniline	13.32	65	119401	32.387 ng	97
49) Acenaphthylene	13.97	152	597416	37.188 ng	99
50) Dimethylphthalate	13.72	163	484058	32.983 ng	100
51) 2,6-Dinitrotoluene	13.82	165	101626	34.825 ng	93
52) Acenaphthene	14.32	154	366508	35.939 ng	98
53) 3-Nitroaniline	14.15	138	61572	21.877 ng	96
54) 2,4-Dinitrophenol	14.36	184	109045	71.570 ng	97
55) Dibenzofuran	14.65	168	624895	36.784 ng	99
56) 4-Nitrophenol	14.47	139	161669	71.980 ng	93
57) 2,4-Dinitrotoluene	14.62	165	145800	35.962 ng	99
58) Fluorene	15.30	166	507026	36.151 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.88	232	150160	36.774 ng	100
60) Diethylphthalate	15.09	149	497940	34.200 ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	284553	35.325 ng	99
62) 4-Nitroaniline	15.32	138	96999	30.712 ng	97
63) Azobenzene	15.60	77	557348	37.312 ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	75239	36.363 ng	95
66) n-Nitrosodiphenylamine	15.52	169	442047	36.943 ng	100
67) 4-Bromophenyl-phenylether	16.20	248	178941	35.179 ng	97
68) Hexachlorobenzene	16.31	284	207654	34.376 ng	99
69) Atrazine	16.47	200	141343	31.200 ng	99
70) Pentachlorophenol	16.65	266	252737	77.354 ng	100
71) Phenanthrene	17.04	178	822127	35.103 ng	99
72) Anthracene	17.13	178	844693	37.728 ng	98
73) Carbazole	17.40	167	723426	35.128 ng	98
74) Di-n-butylphthalate	17.98	149	815652	34.292 ng	100
75) Fluoranthene	19.06	202	965978	33.018 ng	99
77) Benzidine	19.24	184	464243	62.332 ng	99
78) Pyrene	19.42	202	1007151	38.548 ng	100
80) Butylbenzylphthalate	20.34	149	344029	36.025 ng	98
81) Benzo(a)anthracene	21.17	228	991177	35.624 ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	264482	27.276 ng	99
83) Chrysene	21.23	228	960652	35.550 ng	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	497144	36.578 ng	99
85) Di-n-octyl phthalate	22.00	149	803849	35.848 ng	100
87) Indeno(1,2,3-cd)pyrene	25.56	276	1159145	35.540 ng	99
88) Benzo(b)fluoranthene	22.73	252	994041	35.772 ng	99
89) Benzo(k)fluoranthene	22.77	252	977493	35.929 ng	100
90) Benzo(a)pyrene	23.29	252	887651	34.992 ng	99
91) Dibenzo(a,h)anthracene	25.57	278	971185	35.778 ng	98
92) Benzo(g,h,i)perylene	26.23	276	987685	37.767 ng	99

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

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